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SULIT

POLITEKNIK MALAYSIA

BAHAGIAN PEPERIKSAAN DAN PENILAIAN
JABATAN PENDIDIKAN POLITEKNIK
KEMENTERIAN PENDIDIKAN TINGGI

JABATAN PERDAGANGAN

PEPERIKSAAN AKHIR

SESI JUN 2017

DPD5033 : ISLAMIC INVESTMENT

TARIKH : 25 OKTOBER 2017
MASA : 8.30 PAGI - 10.30 PAGI (2 JAM)

Kertas ini mengandungi **SEBELAS (11)** halaman bercetak.
Esei (4 soalan)
Dokumen sokongan yang disertakan : Jadual PVIFA dan PVIF

JANGAN BUKA KERTAS SOALAN INI SEHINGGA DIARAHKAN

(CLO yang tertera hanya sebagai rujukan)

SULIT

INSTRUCTION:
This section consists of **FOUR (4)** essay questions. Answer **ALL** questions.

ARAHAN:
*Bahagian ini mengandungi **EMPAT (4)** soalan esei. Jawab **SEMUA** soalan.*

QUESTION 1
SOALAN 1

CLO1 C1

(a) i. List **FOUR (4)** concepts of investment according to Islamic perspective.
*Senaraikan **EMPAT (4)** konsep pelaburan yang mengikut perspektif Islam.*

[4 marks]
[*4 markah*]

ii. Explain **FOUR (4)** roles of Islamic Financial Services Board (IFSB)
*Terangkan **EMPAT (4)** peranan Badan Perkhidmatan Kewangan Islam. (IFSB).*

[4 marks]
[*4 markah*]

CLO1
C3

(b) i. Ariq is a risk-taker investor. He is considering two possible investments. Based on the below information,choose which investment should Ariq can consider.

Ariq merupakan seorang pelabur yang suka mengambil risiko. Beliau sedang mempertimbangkan dua jenis pelaburan. Berdasarkan maklumat di bawah, pilih pelaburan yang perlu dipertimbangkan oleh Ariq.

Stock *Saham*	Expected Return *Kadar Pulangan*	Variance *Varian*
Stock Que	5.6%	44.94%
Stock Zie	5.875%	39.22%

[6 marks]

[*6 markah*]

ii. Based on the information below, calculate the arithmetic mean.

Berdasarkan maklumat dibawah, kira min aritmetik.

Year *Tahun*	Price (RM) *Harga (RM)*	Dividend (RM) *Dividen (RM)*
2010	7.50	-
2011	7.65	1.15
2012	7.75	1.15
2013	7.70	1.00
2014	7.50	1.00
2015	7.25	0.50

[7 marks]

[*7 markah*]

iii.

Brexit Raises Risk of Global Recession in Financial Markets

NEW YORK — Stocks are plunging in the U.S. and worldwide Friday after Britain voted to leave the European Union. The result stunned investors, who reacted by rushing to the safety of gold and U.S. government bonds as they wondered what will come next for Britain, Europe and the global economy.

International policy-makers have long warned that the sluggish recovery from the Great Recession has left the world economy more vulnerable to another downturn. Recurring crisis over government debt in Europe, the bumpy slowdown China and the collapse in oil prices have already battered prospects for global growth. Britain's exit from the EU — popularly known as "Brexit" — could prove to be the final straw, experts said.

"We think the time has come to consider that a financial market crash today may push a world economy teetering on the verge of a contraction over the edge," said Carl Weinberg, chief economist at High Frequency Economics.

By Marley Jay

The Associated Press

June 24, 2016

Brexit Meningkatkan Risiko Kemelesetan Global dalam Pasaran Kewangan

NEW YORK — Saham menjunam di Amerika Syarikat dan di seluruh dunia hari ini selepas Britain mengundi untuk meninggalkan Kesatuan Eropah. Hasilnya mengejutkan pelabur, yang bertindak balas dengan pantas untuk keselamatan emas dan bon kerajaan Amerika Syarikat. Ini kerana mereka tertanya-tanya dengan apa yang akan berlaku seterusnya kepada Britain, Eropah dan ekonomi global.

Pembuat dasar antarabangsa telah lama memberi amaran bahawa pemulihan yang perlahan daripada Kegawatan Besar telah menyebabkan ekonomi dunia yang lebih terdedah kepada kejatuhan yang lain. Krisis hutang kerajaan Eropah, keadaan ekonomi China yang tidak menetu dan kejatuhan harga minyak telah memberi tekanan terhadap prospek pertumbuhan global. Penarikan keluar Britain dari EU - lebih dikenali sebagai "Brexit" - boleh menjadi pilihan akhir, menurut pakar.

"Kami rasa sudah tiba masanya untuk mempertimbangkan bahawa kejatuhan pasaran kewangan hari ini mungkin menolak ekonomi dunia di ambang penguncupan." kata Carl Weinberg, Ketua Ekonomi di Ekonomi Frekuensi Tinggi.

Oleh Marley Jay

The Associated Press

Jun 24, 2016

Based on the article, Identify **ONE (1)** of the types of risk and list **THREE (3)** symptoms of global recession.

*Berdasarkan artikel, kenalpasti **SATU (1)** jenis risiko dan senaraikan **TIGA (3)** simptom-simptom kemelesetan global.*

[4 marks]

[*4 markah*]

QUESTION 2
SOALAN 2

CLO1
C1

(a) i. Identify **TWO (2)** types of investment analysis.
*Kenalpasti **DUA (2)** jenis analisa pelaburan.*

[3 marks]
[3 *markah*]

ii. Describe briefly definition of Efficient Market Hypothesis.
Jelaskan secara ringkas pengertian Hipotesis Kecekapan Pasaran

[2 marks]
[2 *markah*]

CLO1
C2

(b) i. State **FIVE (5)** characteristics of Sukuk.
*Nyatakan **LIMA (5)** ciri-ciri Sukuk*

[5 marks]
[*5 markah*]

ii. Identify **FIVE (5)** types of Sukuk.
*Kenalpasti **LIMA (5)** jenis Sukuk.*

[5 marks]
[*5 markah*]

CLO1
C3

(c) Ahmad owns ABC Islamic Bond . Its face value is at RM1,000 and has a coupon rate of 10% with Semi Annually Profit Payment and will mature within 10 years. This sukuk is being traded with a market price of RM 960 and the required rate of return is 12 percent.

Ahmad memiliki Bon Islam (Sukuk) ABC, bernilai muka RM1,000 dan mempunyai kadar kupon 10% dengan Pembayaran Keuntungan secara dua kali setahun dan akan matang dalam tempoh 10 tahun . Sukuk ini diniagakan pada harga pasaran RM 960 dan kadar pulangan yang diperlukan ialah 12 peratus.

i. Calculate the expected rate of return for this Sukuk.
Kirakan kadar pulangan dijangka bagi Sukuk ini.

[5 marks]
[*5 markah*]

ii. Calculate the value of the Sukuk.
Kirakan nilai intrinsik Sukuk.

[5 marks]
[*5 markah*]

QUESTION 3
SOALAN 3

CLO1 C1

(a) Distinguish between common share and preferred share.
Bezakan antara saham biasa dan saham keutamaan.

[5 marks]
[*5 markah*]

CLO1 C2

(b) Identify **FIVE (5)** types of instruments in Islamic Interbank Money Market.
*Tentukan **LIMA (5)** jenis insrumen Pasaran Wang Islam Antara Bank.*

[5 marks]
[*5 markah*]

CLO1 C4

(c)

In 2012, ABC Berhad will be listed on the Bursa Malaysia. ABC Berhad allocated some units and offering to retail investor to purchase the shares. In 2013, share price of ABC Berhad dropped by 30%. Ali as a shareholder of ABC Berhad did not understand why the share price have gone down excessively. *Pada tahun 2012,* ABC Berhad *telah disenaraikan di Bursa Malaysia. ABC Berhad telah memperuntukkan sebahagian unit saham untuk ditawarkan kepada pelabur runcit untuk membeli saham.. Pada 2013, harga saham ABC Berhad telah jatuh sebanyak 30%. Ali, sebagai pemegang saham ABC Berhad tidak faham mengapa harga saham tersebut jatuh secara mendadak.*

Advice Ali on the situation about by evaluating **FIVE (5)** factors affecting of the ABC Berhad's share price.
*Nasihati Ali berkenaan masalah di atas dengan mengenalpasti **LIMA (5)** faktor-faktor yang mempengaruhi harga saham ABC Berhad.*

[15 marks]
[*15 markah*]

QUESTION 4

SOALAN 4

CLO2 C1

(a) Describe **FIVE (5)** types of Sukuk

*Terangkan **LIMA (5)** jenis Sukuk*

[10 marks]

[*10 markah*]

CLO3 C2

(b) i. Explain **FIVE (5)** objective securitize asset

*Jelaskan **LIMA (5)** objektif mensekuritikan asset*

[5 marks]

[*5 markah*]

ii. Explain **FIVE (5)** participants involved in securitization.

*Jelaskan **LIMA (5)** peserta yang terlibat dalam pensekuritian.*

[10 marks]

[10 *markah*]

SOALAN TAMAT

Present value interest factor of $1 per period at i% for n periods, PVIF(i,n).

Period	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	11%	12%	13%	14%	15%	16%	17%	18%	19%	20%
1	0,990	0,980	0,971	0,962	0,952	0,943	0,935	0,926	0,917	0,909	0,901	0,893	0,885	0,877	0,870	0,862	0,855	0,847	0,840	0,833
2	0,980	0,961	0,943	0,925	0,907	0,890	0,873	0,857	0,842	0,826	0,812	0,797	0,783	0,769	0,756	0,743	0,731	0,718	0,706	0,694
3	0,971	0,942	0,915	0,889	0,864	0,840	0,816	0,794	0,772	0,751	0,731	0,712	0,693	0,675	0,658	0,641	0,624	0,609	0,593	0,579
4	0,961	0,924	0,888	0,855	0,823	0,792	0,763	0,735	0,708	0,683	0,659	0,636	0,613	0,592	0,572	0,552	0,534	0,516	0,499	0,482
5	0,951	0,906	0,863	0,822	0,784	0,747	0,713	0,681	0,650	0,621	0,593	0,567	0,543	0,519	0,497	0,476	0,456	0,437	0,419	0,402
6	0,942	0,888	0,837	0,790	0,746	0,705	0,666	0,630	0,596	0,564	0,535	0,507	0,480	0,456	0,432	0,410	0,390	0,370	0,352	0,335
7	0,933	0,871	0,813	0,760	0,711	0,665	0,623	0,583	0,547	0,513	0,482	0,452	0,425	0,400	0,376	0,354	0,333	0,314	0,296	0,279
8	0,923	0,853	0,789	0,731	0,677	0,627	0,582	0,540	0,502	0,467	0,434	0,404	0,376	0,351	0,327	0,305	0,285	0,266	0,249	0,233
9	0,914	0,837	0,766	0,703	0,645	0,592	0,544	0,500	0,460	0,424	0,391	0,361	0,333	0,308	0,284	0,263	0,243	0,225	0,209	0,194
10	0,905	0,820	0,744	0,676	0,614	0,558	0,508	0,463	0,422	0,386	0,352	0,322	0,295	0,270	0,247	0,227	0,208	0,191	0,176	0,162
11	0,896	0,804	0,722	0,650	0,585	0,527	0,475	0,429	0,388	0,350	0,317	0,287	0,261	0,237	0,215	0,195	0,178	0,162	0,148	0,135
12	0,887	0,788	0,701	0,625	0,557	0,497	0,444	0,397	0,356	0,319	0,286	0,257	0,231	0,208	0,187	0,168	0,152	0,137	0,124	0,112
13	0,879	0,773	0,681	0,601	0,530	0,469	0,415	0,368	0,326	0,290	0,258	0,229	0,204	0,182	0,163	0,145	0,130	0,116	0,104	0,093
14	0,870	0,758	0,661	0,577	0,505	0,442	0,388	0,340	0,299	0,263	0,232	0,205	0,181	0,160	0,141	0,125	0,111	0,099	0,088	0,078
15	0,861	0,743	0,642	0,555	0,481	0,417	0,362	0,315	0,275	0,239	0,209	0,183	0,160	0,140	0,123	0,108	0,095	0,084	0,074	0,065
16	0,853	0,728	0,623	0,534	0,458	0,394	0,339	0,292	0,252	0,218	0,188	0,163	0,141	0,123	0,107	0,093	0,081	0,071	0,062	0,054
17	0,844	0,714	0,605	0,513	0,436	0,371	0,317	0,270	0,231	0,198	0,170	0,146	0,125	0,108	0,093	0,080	0,069	0,060	0,052	0,045
18	0,836	0,700	0,587	0,494	0,416	0,350	0,296	0,250	0,212	0,180	0,153	0,130	0,111	0,095	0,081	0,069	0,059	0,051	0,044	0,038
19	0,828	0,686	0,570	0,475	0,396	0,331	0,277	0,232	0,194	0,164	0,138	0,116	0,098	0,083	0,070	0,060	0,051	0,043	0,037	0,031
20	0,820	0,673	0,554	0,456	0,377	0,312	0,258	0,215	0,178	0,149	0,124	0,104	0,087	0,073	0,061	0,051	0,043	0,037	0,031	0,026
21	0,811	0,660	0,538	0,439	0,359	0,294	0,242	0,199	0,164	0,135	0,112	0,093	0,077	0,064	0,053	0,044	0,037	0,031	0,026	0,022
22	0,803	0,647	0,522	0,422	0,342	0,278	0,226	0,184	0,150	0,123	0,101	0,083	0,068	0,056	0,046	0,038	0,032	0,026	0,022	0,018
23	0,795	0,634	0,507	0,406	0,326	0,262	0,211	0,170	0,138	0,112	0,091	0,074	0,060	0,049	0,040	0,033	0,027	0,022	0,018	0,015
24	0,788	0,622	0,492	0,390	0,310	0,247	0,197	0,158	0,126	0,102	0,082	0,066	0,053	0,043	0,035	0,028	0,023	0,019	0,015	0,013
25	0,780	0,610	0,478	0,375	0,295	0,233	0,184	0,146	0,116	0,092	0,074	0,059	0,047	0,038	0,030	0,024	0,020	0,016	0,013	0,010
26	0,772	0,598	0,464	0,361	0,281	0,220	0,172	0,135	0,106	0,084	0,066	0,053	0,042	0,033	0,026	0,021	0,017	0,014	0,011	0,009
27	0,764	0,586	0,450	0,347	0,268	0,207	0,161	0,125	0,098	0,076	0,060	0,047	0,037	0,029	0,023	0,018	0,014	0,011	0,009	0,007
28	0,757	0,574	0,437	0,333	0,255	0,196	0,150	0,116	0,090	0,069	0,054	0,042	0,033	0,026	0,020	0,016	0,012	0,010	0,008	0,006
29	0,749	0,563	0,424	0,321	0,243	0,185	0,141	0,107	0,082	0,063	0,048	0,037	0,029	0,022	0,017	0,014	0,011	0,008	0,006	0,005
30	0,742	0,552	0,412	0,308	0,231	0,174	0,131	0,099	0,075	0,057	0,044	0,033	0,026	0,020	0,015	0,012	0,009	0,007	0,005	0,004
31	0,735	0,541	0,400	0,296	0,220	0,164	0,123	0,092	0,069	0,052	0,039	0,030	0,023	0,017	0,013	0,010	0,008	0,006	0,005	0,004
32	0,727	0,531	0,388	0,285	0,210	0,155	0,115	0,085	0,063	0,047	0,035	0,027	0,020	0,015	0,011	0,009	0,007	0,005	0,004	0,003
33	0,720	0,520	0,377	0,274	0,200	0,146	0,107	0,079	0,058	0,043	0,032	0,024	0,018	0,013	0,010	0,007	0,006	0,004	0,003	0,002
34	0,713	0,510	0,366	0,264	0,190	0,138	0,100	0,073	0,053	0,039	0,029	0,021	0,016	0,012	0,009	0,006	0,005	0,004	0,003	0,002
35	0,706	0,500	0,355	0,253	0,181	0,130	0,094	0,068	0,049	0,036	0,026	0,019	0,014	0,010	0,008	0,006	0,004	0,003	0,002	0,002
36	0,699	0,490	0,345	0,244	0,173	0,123	0,088	0,063	0,045	0,032	0,023	0,017	0,012	0,009	0,007	0,005	0,004	0,003	0,002	0,001
37	0,692	0,481	0,335	0,234	0,164	0,116	0,082	0,058	0,041	0,029	0,021	0,015	0,011	0,008	0,006	0,004	0,003	0,002	0,002	0,001
38	0,685	0,471	0,325	0,225	0,157	0,109	0,076	0,054	0,038	0,027	0,019	0,013	0,010	0,007	0,005	0,004	0,003	0,002	0,001	0,001
39	0,678	0,462	0,316	0,217	0,149	0,103	0,071	0,050	0,035	0,024	0,017	0,012	0,009	0,006	0,004	0,003	0,002	0,002	0,001	0,001
40	0,672	0,453	0,307	0,208	0,142	0,097	0,067	0,046	0,032	0,022	0,015	0,011	0,008	0,005	0,004	0,003	0,002	0,001	0,001	0,001
41	0,665	0,444	0,298	0,200	0,135	0,092	0,062	0,043	0,029	0,020	0,014	0,010	0,007	0,005	0,003	0,002	0,002	0,001	0,001	0,001
42	0,658	0,435	0,289	0,193	0,129	0,087	0,058	0,039	0,027	0,018	0,012	0,009	0,006	0,004	0,003	0,002	0,001	0,001	0,001	0,000
43	0,652	0,427	0,281	0,185	0,123	0,082	0,055	0,037	0,025	0,017	0,011	0,008	0,005	0,004	0,002	0,002	0,001	0,001	0,001	0,000
44	0,645	0,418	0,272	0,178	0,117	0,077	0,051	0,034	0,023	0,015	0,010	0,007	0,005	0,003	0,002	0,001	0,001	0,001	0,000	0,000
45	0,639	0,410	0,264	0,171	0,111	0,073	0,048	0,031	0,021	0,014	0,009	0,006	0,004	0,003	0,002	0,001	0,001	0,001	0,000	0,000
46	0,633	0,402	0,257	0,165	0,106	0,069	0,044	0,029	0,019	0,012	0,008	0,005	0,004	0,002	0,002	0,001	0,001	0,000	0,000	0,000
47	0,626	0,394	0,249	0,158	0,101	0,065	0,042	0,027	0,017	0,011	0,007	0,005	0,003	0,002	0,001	0,001	0,001	0,000	0,000	0,000
48	0,620	0,387	0,242	0,152	0,096	0,061	0,039	0,025	0,016	0,010	0,007	0,004	0,003	0,002	0,001	0,001	0,001	0,000	0,000	0,000
49	0,614	0,379	0,235	0,146	0,092	0,058	0,036	0,023	0,015	0,009	0,006	0,004	0,003	0,002	0,001	0,001	0,000	0,000	0,000	0,000
50	0,608	0,372	0,228	0,141	0,087	0,054	0,034	0,021	0,013	0,009	0,005	0,003	0,002	0,001	0,001	0,001	0,000	0,000	0,000	0,000

Present value interest factor of an (ordinary) annuity of $1 per period at i% for n periods, PVIFA(i,n).

Period	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	11%	12%	13%	14%	15%	16%	17%	18%	19%	20%
1	0,990	0,980	0,971	0,962	0,952	0,943	0,935	0,926	0,917	0,909	0,901	0,893	0,885	0,877	0,870	0,862	0,855	0,847	0,840	0,833
2	1,970	1,942	1,913	1,886	1,859	1,833	1,808	1,783	1,759	1,736	1,713	1,690	1,668	1,647	1,626	1,605	1,585	1,566	1,547	1,528
3	2,941	2,884	2,829	2,775	2,723	2,673	2,624	2,577	2,531	2,487	2,444	2,402	2,361	2,322	2,283	2,246	2,210	2,174	2,140	2,106
4	3,902	3,808	3,717	3,630	3,546	3,465	3,387	3,312	3,240	3,170	3,102	3,037	2,974	2,914	2,855	2,798	2,743	2,690	2,639	2,589
5	4,853	4,713	4,580	4,452	4,329	4,212	4,100	3,993	3,890	3,791	3,696	3,605	3,517	3,433	3,352	3,274	3,199	3,127	3,058	2,991
6	5,795	5,601	5,417	5,242	5,076	4,917	4,767	4,623	4,486	4,355	4,231	4,111	3,998	3,889	3,784	3,685	3,589	3,498	3,410	3,326
7	6,728	6,472	6,230	6,002	5,786	5,582	5,389	5,206	5,033	4,868	4,712	4,564	4,423	4,288	4,160	4,039	3,922	3,812	3,706	3,605
8	7,652	7,325	7,020	6,733	6,463	6,210	5,971	5,747	5,535	5,335	5,146	4,968	4,799	4,639	4,487	4,344	4,207	4,078	3,954	3,837
9	8,566	8,162	7,786	7,435	7,108	6,802	6,515	6,247	5,995	5,759	5,537	5,328	5,132	4,946	4,772	4,607	4,451	4,303	4,163	4,031
10	9,471	8,983	8,530	8,111	7,722	7,360	7,024	6,710	6,418	6,145	5,889	5,650	5,426	5,216	5,019	4,833	4,659	4,494	4,339	4,192
11	10,368	9,787	9,253	8,760	8,306	7,887	7,499	7,139	6,805	6,495	6,207	5,938	5,687	5,453	5,234	5,029	4,836	4,656	4,486	4,327
12	11,255	10,575	9,954	9,385	8,863	8,384	7,943	7,536	7,161	6,814	6,492	6,194	5,918	5,660	5,421	5,197	4,988	4,793	4,611	4,439
13	12,134	11,348	10,635	9,986	9,394	8,853	8,358	7,904	7,487	7,103	6,750	6,424	6,122	5,842	5,583	5,342	5,118	4,910	4,715	4,533
14	13,004	12,106	11,296	10,563	9,899	9,295	8,745	8,244	7,786	7,367	6,982	6,628	6,302	6,002	5,724	5,468	5,229	5,008	4,802	4,611
15	13,865	12,849	11,938	11,118	10,380	9,712	9,108	8,559	8,061	7,606	7,191	6,811	6,462	6,142	5,847	5,575	5,324	5,092	4,876	4,675
16	14,718	13,578	12,561	11,652	10,838	10,106	9,447	8,851	8,313	7,824	7,379	6,974	6,604	6,265	5,954	5,668	5,405	5,162	4,938	4,730
17	15,562	14,292	13,166	12,166	11,274	10,477	9,763	9,122	8,544	8,022	7,549	7,120	6,729	6,373	6,047	5,749	5,475	5,222	4,990	4,775
18	16,398	14,992	13,754	12,659	11,690	10,828	10,059	9,372	8,756	8,201	7,702	7,250	6,840	6,467	6,128	5,818	5,534	5,273	5,033	4,812
19	17,226	15,678	14,324	13,134	12,085	11,158	10,336	9,604	8,950	8,365	7,839	7,366	6,938	6,550	6,198	5,877	5,584	5,316	5,070	4,843
20	18,046	16,351	14,877	13,590	12,462	11,470	10,594	9,818	9,129	8,514	7,963	7,469	7,025	6,623	6,259	5,929	5,628	5,353	5,101	4,870
21	18,857	17,011	15,415	14,029	12,821	11,764	10,836	10,017	9,292	8,649	8,075	7,562	7,102	6,687	6,312	5,973	5,665	5,384	5,127	4,891
22	19,660	17,658	15,937	14,451	13,163	12,042	11,061	10,201	9,442	8,772	8,176	7,645	7,170	6,743	6,359	6,011	5,696	5,410	5,149	4,909
23	20,456	18,292	16,444	14,857	13,489	12,303	11,272	10,371	9,580	8,883	8,266	7,718	7,230	6,792	6,399	6,044	5,723	5,432	5,167	4,925
24	21,243	18,914	16,936	15,247	13,799	12,550	11,469	10,529	9,707	8,985	8,348	7,784	7,283	6,835	6,434	6,073	5,746	5,451	5,182	4,937
25	22,023	19,523	17,413	15,622	14,094	12,783	11,654	10,675	9,823	9,077	8,422	7,843	7,330	6,873	6,464	6,097	5,766	5,467	5,195	4,948
26	22,795	20,121	17,877	15,983	14,375	13,003	11,826	10,810	9,929	9,161	8,488	7,896	7,372	6,906	6,491	6,118	5,783	5,480	5,206	4,956
27	23,560	20,707	18,327	16,330	14,643	13,211	11,987	10,935	10,027	9,237	8,548	7,943	7,409	6,935	6,514	6,136	5,798	5,492	5,215	4,964
28	24,316	21,281	18,764	16,663	14,898	13,406	12,137	11,051	10,116	9,307	8,602	7,984	7,441	6,961	6,534	6,152	5,810	5,502	5,223	4,970
29	25,066	21,844	19,188	16,984	15,141	13,591	12,278	11,158	10,198	9,370	8,650	8,022	7,470	6,983	6,551	6,166	5,820	5,510	5,229	4,975
30	25,808	22,396	19,600	17,292	15,372	13,765	12,409	11,258	10,274	9,427	8,694	8,055	7,496	7,003	6,566	6,177	5,829	5,517	5,235	4,979
31	26,542	22,938	20,000	17,588	15,593	13,929	12,532	11,350	10,343	9,479	8,733	8,085	7,518	7,020	6,579	6,187	5,837	5,523	5,239	4,982
32	27,270	23,468	20,389	17,874	15,803	14,084	12,647	11,435	10,406	9,526	8,769	8,112	7,538	7,035	6,591	6,196	5,844	5,528	5,243	4,985
33	27,990	23,989	20,766	18,148	16,003	14,230	12,754	11,514	10,464	9,569	8,801	8,135	7,556	7,048	6,600	6,203	5,849	5,532	5,246	4,988
34	28,703	24,499	21,132	18,411	16,193	14,368	12,854	11,587	10,518	9,609	8,829	8,157	7,572	7,060	6,609	6,210	5,854	5,536	5,249	4,990
35	29,409	24,999	21,487	18,665	16,374	14,498	12,948	11,655	10,567	9,644	8,855	8,176	7,586	7,070	6,617	6,215	5,858	5,539	5,251	4,992
36	30,108	25,489	21,832	18,908	16,547	14,621	13,035	11,717	10,612	9,677	8,879	8,192	7,598	7,079	6,623	6,220	5,862	5,541	5,253	4,993
37	30,800	25,969	22,167	19,143	16,711	14,737	13,117	11,775	10,653	9,706	8,900	8,208	7,609	7,087	6,629	6,224	5,865	5,543	5,255	4,994
38	31,485	26,441	22,492	19,368	16,868	14,846	13,193	11,829	10,691	9,733	8,919	8,221	7,618	7,094	6,634	6,228	5,867	5,545	5,256	4,995
39	32,163	26,903	22,808	19,584	17,017	14,949	13,265	11,879	10,726	9,757	8,936	8,233	7,627	7,100	6,638	6,231	5,869	5,547	5,257	4,996
40	32,835	27,355	23,115	19,793	17,159	15,046	13,332	11,925	10,757	9,779	8,951	8,244	7,634	7,105	6,642	6,233	5,871	5,548	5,258	4,997
41	33,500	27,799	23,412	19,993	17,294	15,138	13,394	11,967	10,787	9,799	8,965	8,253	7,641	7,110	6,645	6,236	5,873	5,549	5,259	4,997
42	34,158	28,235	23,701	20,186	17,423	15,225	13,452	12,007	10,813	9,817	8,977	8,262	7,647	7,114	6,648	6,238	5,874	5,550	5,260	4,998
43	34,810	28,662	23,982	20,371	17,546	15,306	13,507	12,043	10,838	9,834	8,989	8,270	7,652	7,117	6,650	6,239	5,875	5,551	5,260	4,998
44	35,455	29,080	24,254	20,549	17,663	15,383	13,558	12,077	10,861	9,849	8,999	8,276	7,657	7,120	6,652	6,241	5,876	5,552	5,261	4,998
45	36,095	29,490	24,519	20,720	17,774	15,456	13,606	12,108	10,881	9,863	9,008	8,283	7,661	7,123	6,654	6,242	5,877	5,552	5,261	4,999
46	36,727	29,892	24,775	20,885	17,880	15,524	13,650	12,137	10,900	9,875	9,016	8,288	7,664	7,126	6,656	6,243	5,878	5,553	5,261	4,999
47	37,354	30,287	25,025	21,043	17,981	15,589	13,692	12,164	10,918	9,887	9,024	8,293	7,668	7,128	6,657	6,244	5,879	5,553	5,262	4,999
48	37,974	30,673	25,267	21,195	18,077	15,650	13,730	12,189	10,934	9,897	9,030	8,297	7,671	7,130	6,659	6,245	5,879	5,554	5,262	4,999
49	38,588	31,052	25,502	21,341	18,169	15,708	13,767	12,212	10,948	9,906	9,036	8,301	7,673	7,131	6,660	6,246	5,880	5,554	5,262	4,999
50	39,196	31,424	25,730	21,482	18,256	15,762	13,801	12,233	10,962	9,915	9,042	8,304	7,675	7,133	6,661	6,246	5,880	5,554	5,262	4,999