

Computer programming for MTE students	Group No.:
Name:	Marks:

Write a program that uses looping to print the following table of values. Use the tab escape sequence, `\t`, in the `printf` statement to separate the columns with tabs

N	10*N	100*N	1000*N
1	10	100	1000
2	20	200	2000
3	30	300	3000
4	40	400	4000
5	50	500	5000
6	60	600	6000
7	70	700	7000
8	80	800	8000
9	90	900	9000
10	100	1000	10000

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Write a program that keeps printing the multiples of the integer 2, namely 2, 4, 8, 16, 32, 64, and so on for 10 times.

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Write a program that estimates the value of the mathematical constant **e** by using the formula:

$$e = 1 + \frac{1}{1!} + \frac{1}{2!} + \frac{1}{3!} + \cdots + \frac{1}{n!}$$