Loop 03

Q1

Write a program to print multiples of a number upto a limit. Take inputs from the user.

Input : Enter a number - 6
        Enter limit - 60
Output : 6 ,12 ,18 , 24,36,...,60

Q2

write a program to print the following pattern & Take no of rows from the user.

1	2	9	4
25	6	49	8
81	10	121	12
169	14	225	16

Q3

write a program to print the following pattern & Take no of rows from the user.

E	D	C	B	A
E	D	C	B	A
E	D	C	B	A
E	D	C	B	A
E	D	C	B	A

Q4

write a program to print the following pattern using a nested while loop & Take no of rows from the user..

1				
1	0			
1	0	1		
1	0	1	0	
1	0	1	0	1

Q5

write a program to print the following pattern & Take no of rows from the user.

1				
2	4			
3	6	9		
4	8	12	16	
5	10	15	20	25

Q6

Write a program to print the tables of 1 to n numbers in reverse order

Input : Enter n limit : 6

Output : 6 12 18 24 30 36 42 48 54 60

5 10 15 20 25 30 35 40 45 50

.

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2 4 6 8 10 12 14 16 18 20

1 2 3 4 5 6 7 8 9 10

Q7

Write a program to print alternative numbers in reverse order between 15 to 30.

Input: enter first no : 15

Enter second no : 30

Output: 30 28 26 24 22 20 18 16

Q8

Write a program to print the count of even numbers which are divisible by 5 from 1 to 50 .

Input: Enter lower limit : 1

Enter upper limit : 50

Output: 10 ,20 ,30 ,40 ,50

Q9

write a program to print the following pattern & Take no of rows from the user.

1

1 2

2 3 4

4 5 6 7

7 8 9 10 11

Q10

 write a program to print a series of prime numbers from entered range. (Take a start and end number from user)

Perform a dry run at least from 1 to 20 …

Input :-
   Enter starting number : 1
   Enter ending number : 100

Output :-

Series = 2 3 5 7 11 13 17 19 ….. 89 97