

## Loop 01

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**

              .

              .

**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 series of prime numbers from entered range. ( Take a start and end number from user )

Perform 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

Q2T

write a program to print the following pattern & Take no of rows from the user.  
Handle the test case for character according to input

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