Assignment of Subjective questions

1. Write a C program to print all natural numbers from 1 to n using loop.

Example

Input

Input upper limit: 10

Output

Natural numbers from 1 to 10: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

2. Write a C program to print all natural numbers in reverse from n to 1 using for loop.

Example

Input

Input N: 10

Output

Natural numbers from 10-1 in reverse:

10, 9, 8, 7, 6, 5, 4, 3, 2, 1

3. Write a C program to print alphabets from a to z using for loop.

Example

Input

Output

Alphabets: a, b, c, ... , x, y, z

4. Write a C program to print all even numbers from 1 to n using for loop.

Example

Input

Input upper range: 10

Output

Even numbers between 1 to 10:

2, 4, 6, 8, 10

5. Write a C program to print all odd numbers from 1 to n using for loop.

Example

Input

Input upper limit: 10

Output

Odd numbers between 1 to 10:

1, 3, 5, 7, 9

6. Write a C program to find the sum of all natural numbers between 1 to n using for loop.

Example

Input

Input upper limit: 10

Output

Sum of natural numbers 1-10: 55

7. Write a C program to input number from user and find sum of all even numbers between 1 to n.

Example

Input

Input upper limit of even number: 10

Output

Sum of even numbers between 1 to 10: 30

8. Write a C program to find sum of all odd numbers from 1 to n using for loop.

Example

Input

Input upper limit: 10

Output

Sum of odd numbers from 1-10: 25

9. Write a C program to input a number from user and print multiplication table of the given number using for loop.

Example

Input

Input num: 5

Output

5 \* 1 = 5

5 \* 2 = 10

5 \* 3 = 15

5 \* 4 = 20

5 \* 5 = 25

5 \* 6 = 30

5 \* 7 = 35

5 \* 8 = 40

5 \* 9 = 45

5 \* 10 = 50

10. Write a C program to input a number from user and count number of digits in the given integer using loop.

Example

Input

Input num: 35419

Output

Number of digits: 5