Assignment of subjective questions

1. Write a C program to input a number from user and find first and last digit of number using loop.

Example

Input

Input number: 1234

Output

First digit: 1

Last digit: 4

2. Write a C program to input a number and find sum of first and last digit of the number using for loop.

Example

Input

Input number: 12345

Output

Sum of first and last digit: 6

3. Write a C program to input a number and calculate sum of digits using for loop.

Example

Input

Input any number: 1234

Output

Sum of digits: 10

4. Write a C program to input a number from user and calculate product of its digits.

Example

Input

Input number: 1234

Output

Product of digits: 24

5. Write a C program to input a number from user and find reverse of the given number using for loop.

Example

Input

Input number: 12345

Output

Reverse of 12345 = 54321

6. Write a C program to input number from user and check number is palindrome or not using loop.

Example

Input

Input any number: 121

Output

121 is palindrome

7. Write a C program to count frequency of digits in a given number.

Example

Input

Input any number: 116540

Output

Frequency of 0 = 1

Frequency of 1 = 2

Frequency of 2 = 0

Frequency of 3 = 0

Frequency of 4 = 1

Frequency of 5 = 1

Frequency of 6 = 1

Frequency of 7 = 0

Frequency of 8 = 0

Frequency of 9 = 0

8. Write a C program to input a number from user and print it into words using for loop.

Example

Input

Input number: 1234

Output

One Two Three Four

9. Write a C program to print ASCII values of all characters using for loop.

Example

Input

Output

ASCII value of character = 0

ASCII value of character ☺ = 1

...

...

ASCII value of character ■ = 254

ASCII value of character = 255

10.