main.c   Output

```c
1    // Online C compiler to run C program
         online
2    #include <stdio.h>
3
4 -  int main() {
5        int n, firstdigit, lastdigit;
6        printf("Enter an integer:");
7        scanf("%d",&n);
8        int originalnumber = n;
9        lastdigit = originalnumber % 10;
10 -      while (n>=10) {
11           n = n / 10;
12       }
13       firstdigit = n;
14       printf("First digit :%d\n",firstdigit);
15       printf("Last digit :%d\n",lastdigit);
16
17       return 0;
18   }
```

Run

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main.c   Output

```
Enter an integer:241891
First digit :2
Last digit :1


=== Code Execution Successful ===
```

main.c   Output

```c
// Online C compiler to run C program
online
#include <stdio.h>

int main() {
    int num,sum = 0, rem;
    printf("Enter a number:");
    scanf("%d",&num);
    while(num != 0)
    {
    rem=num % 10;
    sum=sum + rem;
    num=num / 10;
    }
    printf("sum of digits of the number is
        %d\n",sum);

    return 0;
}
```

Run

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main.c	Output		☾ ∝ ▷

```
Enter a number:233
sum of digits of the number is 8


=== Code Execution Successful ===
```

main.c   Output   🌙 ⤳ ▷

```c
4      int factorial(int n)
5      {
6          int fact=1;
7      for(int i=1;i<=n;i++)
8          {
9      fact=fact*i;
10         }
11     return fact;
12         }
13     int main ()
14         {
15             int num,rem,sum = 0;
16             int originalnum;
17             printf("Enter a number");
18             scanf("%d",&num);
19             originalnum=num;
20             while(num>0)
21         {
22             rem = num % 10;
23             sum += factorial(rem);
24             num/=10;
25         }
26             if(sum == originalnum)
27         {
28             printf("%d is a strong number\n"
                    ,originalnum);
29         } else
30         {
31             printf("%d is not a strong
                    number\n", originalnum);
32         }
33     return 0;
34         }
```

Run

main.c	**Output**

☾ ⚹ ▷

Enter a number96
96 is not a strong number

=== Code Execution Successful ===

main.c   Output

```c
// Online C compiler to run C program
online
#include <stdio.h>

int main() {
    int n,isprime = 1;
    printf("Enter a number:");
    scanf("%d", &n);
    if(n<=1) {
        isprime = 0;
    } else {
        for (int i=2; i<n; i++)  {
            if(n % i == 0) {
                isprime =0;
                break;
            }
        }
    }
    if (isprime) {
        printf("%d is a prime number
.\n",n);
    } else {
        printf("%d is not a prime
number.\n",n);
    }

    return 0;
}
```

Run

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main.c   Output

Enter a number:8
8 is not a prime number.

=== Code Execution Successful ===

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main.c   Output

```c
1   // Online C compiler to run C program
        online
2   #include <stdio.h>
3
4 - int main() {
5       int n,i;
6       long long factorial =1;
7       printf("Enter a non-negative integer:"
            );
8       scanf("%d",&n);
9 -     if (n < 0)  {
10          printf("Factorial is not defined
                for negative numbers.\n");
11 -     } else if (n==0)  {
12          printf("Factorial of 0 is 1.\n");
13 -     } else {
14 -        for (i=1;i<=n;i++)  {
15              factorial *=i;
16          }
17          printf("Factorial of %d is %lld.\n"
                ,n,factorial);
18      }
19
20      |
21
22      return 0;
23  }
```

Run

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C Online Compiler

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main.c | Output

Enter a non-negative integer:57
Factorial of 57 is 6404118670120845312.

=== Code Execution Successful ===