



main.c

Output



```
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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C Online Compiler

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main.c

Output



```
Enter a number:4567
```

```
The first digit is: 4
```

```
The last digit is: 7
```

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



main.c

Output



```
1 // Online C compiler to run C program
   online
2 #include <stdio.h>
3
4 int main() {
5     int n,isprime = 1;
6     printf("Enter a number:");
7     scanf("%d", &n);
8     if(n<=1) {
9         isprime = 0;
10    } else {
11        for (int i=2; i<n; i++) {
12            if(n % i == 0) {
13                isprime =0;
14                break;
15            }
16        }
17    }
18    if (isprime) {
19        printf("%d is a prime number
           .\n",n);
20    } else {
21        printf("%d is not a prime
           number.\n",n);
22    }
23
24    return 0;
25 }
```

Run



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C Online Compiler

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main.c

Output



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

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

main.c

Output



```
1 // Online C compiler to run C program
   online
2 #include <stdio.h>
3
4 int main() {
5     int num,sum = 0, rem;
6     printf("Enter a number:");
7     scanf("%d",&num);
8     while(num != 0)
9     {
10        rem=num % 10;
11        sum=sum + rem;
12        num=num / 10;
13    }
14    printf("sum of digits of the number is
        %d\n",sum);
15
16    return 0;
17 }
```

Run



Programiz

C Online Compiler

Programiz PRO

main.c

Output



```
Enter a number:54
sum of digits of the number is 9
```

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

main.c

Output



```
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           );
9     scanf("%d",&n);
10    if (n < 0) {
11        printf("Factorial is not defined
12              for negative numbers.\n");
13    } else if (n==0) {
14        printf("Factorial of 0 is 1.\n");
15    } else {
16        for (i=1;i<=n;i++) {
17            factorial *=i;
18        }
19        printf("Factorial of %d is %lld.\n"
20              ,n,factorial);
21
22    return 0;
23 }
```

Run



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C Online Compiler

Programiz PRO

main.c

Output



```
Enter a non-negative integer:25
Factorial of 25 is 7034535277573963776.
```

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




main.c

Output



```
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",
29                    ,originalnum);
30        } else
31        {
32            printf("%d is not a strong
33                    number\n", originalnum);
34        }
35        return 0;
36    }
```

Run



Programiz

C Online Compiler

Programiz PRO

main.c

Output



```
Enter a number96
96 is not a strong number
```

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