



main.c

Output



```
1 // Online C compiler to run C program
  online
2 #include <stdio.h>
3
4
5 int main() {
6     int num, firstDigit, lastDigit;
7     printf("Enter a number: ");
8     scanf("%d", &num);
9
10    lastDigit = num % 10;
11    while(num >= 10) {
12        num /= 10;
13    }
14    firstDigit = num;
15
16    printf("First digit: %d\n",
17          firstDigit);
17    printf("Last digit: %d\n",
18          lastDigit);
18    return 0;
19 }
```

Run



main.c

Output



Enter a number: 23457

First digit: 2

Last digit: 7

=== Code Execution Successful ===



main.c

Output



```
1 // Online C compiler to run C program
  onli
2 #include <stdio.h>
3
4 int main() {
5     int num;
6     unsigned long long factorial = 1;
7     printf("Enter a number: ");
8     scanf("%d", &num);
9
10    for(int i = 1; i <= num; i++) {
11        factorial *= i;
12    }
13
14    printf("Factorial of %d is %llu\n",
          num, factorial);
15    return 0;
16 }
```

Run



main.c

Output



```
1  #include <stdio.h>
2
3  int main() {
4      int num, isPrime = 1;
5      printf("Enter a number: ");
6      scanf("%d", &num);
7
8      if(num <= 1) isPrime = 0;
9      for(int i = 2; i * i <= num; i++) {
10         if(num % i == 0) {
11             isPrime = 0;
12             break;
13         }
14     }
15
16     if(isPrime) printf("%d is prime\n",
17                        num);
18     else printf("%d is not prime\n",
19                num);
19     return 0;
20 }
```

Run



main.c

Output



```
Enter a number: 9
```

```
9 is not prime
```

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



main.c

Output



```
1  #include <stdio.h>
2
3  int factorial(int n) {
4      int fact = 1;
5      for(int i = 1; i <= n; i++)
6          fact *= i;
7      return fact;
8  }
9
10 int main() {
11     int num, sum = 0, temp;
12     printf("Enter a number: ");
13     scanf("%d", &num);
14     temp = num;
15
16     while(temp) {
17         sum += factorial(temp % 10);
18         temp /= 10;
19     }
20
21     if(sum == num) printf("%d is a
22                        strong number\n", num);
23     else printf("%d is not a strong
24                number\n", num);
25     return 0;
26 }
```

Run



main.c

Output

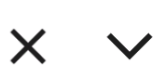


140

140

Enter a number: 140 is not a strong number

=== Code Execution Successful ===



main.c

Output



```
1  #include <stdio.h>
2
3  int main() {
4      int num, sum = 0;
5      printf("Enter a number: ");
6      scanf("%d", &num);
7
8      while(num) {
9          sum += num % 10;
10         num /= 10;
11     }
12
13     printf("Sum of digits: %d\n", sum);
14     return 0;
15 }
```

Run





main.c

Output



Enter a number: 90

Sum of digits: 9

|

=== Code Execution Successful ===