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Programiz
C Online Compiler

Programiz PRO

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);
18    printf("Last digit: %d\n",
19           lastDigit);
20    return 0;
21 }
```

Run



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Output



Enter a number: 23457

First digit: 2

Last digit: 7

==== Code Execution Successful ===



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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",
15           num, factorial);
16    return 0;
17 }
```

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);
20    return 0;
21 }
```

Run





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Output



Enter a number: 9

9 is not prime

==== Code Execution Successful ===





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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
26 }
```

Run



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main.c

Output



140

140

Enter a number: 140 is not a strong number

==== Code Execution Successful ===





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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





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main.c

Output



Enter a number: 90

Sum of digits: 9

==== Code Execution Successful ===

