

```
1 #include <stdio.h>
2
3 int main() {
4     int num, rev = 0, digit;
5     printf("Enter a number: ");
6     scanf("%d", &num);
7
8     // IF YOU ENTER A NUMBER THAT NUMBER WILL BE REVERSE //
9
10
11
12     while (num != 0) {
13         digit = num % 10;
14         rev = rev * 10 + digit;
15         num = num / 10;
16     }
17
18     printf("Reversed number: %d\n", rev);
19     return 0;
20 }
21
```

input

Enter a number: 29
Reversed number: 92

...Program finished with exit code 0
Press ENTER to exit console.

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```
1 #include <stdio.h>
2
3 int main() {
4     int i = 1;
5     while (i <= 10) {
6         printf("%d\n", i);
7         i++;
8     }
9     return 0;
10 }
11
```

input

1
2
3
4
5
6
7
8
9
10

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...Program finished with exit code 0

```

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

```

input

Enter a number: 2
2 is a prime number.

...Program finished with exit code 0
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```

1 #include <stdio.h>
2
3 int main() {
4     int num;
5     printf("Enter numbers (-1 to stop): ");
6     scanf("%d", &num);
7
8     while (num != -1) {
9         printf("You entered: %d\n", num);
10        scanf("%d", &num);
11    }
12
13    printf("Loop ended.\n");
14    return 0;
15 }
16

```

input

You entered: 1
You entered: 2
You entered: 4
You entered: 5
-1
Loop ended.

...Program finished with exit code 0
Press ENTER to exit console.

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```
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 > 0) {
9         sum += num % 10;
10        num /= 10;
11    }
12
13    printf("Sum of digits: %d\n", sum);
14    return 0;
15 }
16
```

Enter a number: 10
Sum of digits: 1

...Program finished with exit code 0
Press ENTER to exit console.

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