```
Enter the string :-
111
QQQ

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

```
Enter the string :-
15
15
The number of chars are :- 2

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

```
Enter the size of the array :-
4
Enter the numbers :-
1
5
9
7
Enter the number to search :-
4
The number is not present in the list

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

```
Enter the size of the array :-
5
Enter the numbers :-
1
7
8
6
3
The values in array are :-
1
7
8
6
3

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

```
Enter the size of the array :-
4
Enter the numbers :-
17
3
5
69
The sorted numbers are :- 3,5,17,69,
=== Code Execution Successful ===
```

```
Enter the size of the array :-
5
Enter the numbers :-
12
15
16
7
2
Enter the number to search :-
7
The number is present in the list

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

```
Enter the number :-
20
It's not a magic number

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

```
Enter the range :-
8
***************
 *************
  ***********
   *********
    *******
     *****
      ***
       *

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

```
Enter the range :-
6
      *
     ***
    *****
   *******
  *********
 ***********

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

```
Enter the size of the array :-
4
Enter the numbers :-
15
16
18
19
The largest number in the array :- 19
The smallest number in the array :- 15

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

```
Enter the range :-
7
7 6 5 4 3 2 1
6 5 4 3 2 1
5 4 3 2 1
4 3 2 1
3 2 1
2 1
1

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

```
Enter the range :-
7
1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
6 6 6 6 6 6
7 7 7 7 7 7 7

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

```
Enter the number of elements :-
5
Enter the numbers :-
12
14
13
15
16
The second max value is 16

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

```
Enter the range :-
6
Enter the value of a :-
12
The value is 76.2

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

```
Enter the range :-
5
Enter the value of x :-
12
The value is 21.21904761904762

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

```
Enter the range :-
6
The values are :-
0,1,1,2,3,5,
=== Code Execution Successful ===
```

```
Enter the range :-
4
The value is 1234

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

```
Enter the range :-
15
The Prime numbers are :-
2,3,5,7,11,13,17,19,23,29,31,37,41,43,47,
=== Code Execution Successful ===
```

```
Enter the number :-
14
The value is 41

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

```
Enter the value :-
15
Enter the power :-
2
The value is 225

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

```
Enter the number :-
12
It is a positive integer

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

```
Enter the number :-
50
The number is not a perfect number

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

```
Enter the number :-
9
September
```

```
Enter the number :-
14
The factorial is 1278945280

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

```
Enter the number :-
90
0
90
It's a right angle triangle

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

```
Enter the 2 numbers :-
45
65
The gcd value is 5
The lcm value is 585

=== Code Execution Successful =
```

```
Enter the 2 numbers :-
50
100
=================================================================
1. Addition
2. Difference
3. Product
4. Division
5. Remainder
6. Exit
=================================================================

Enter option :-
1
The sum is 150
Enter the 2 numbers :-
```

```
Enter the year :-
2020
It's a leap year

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

```
The radius is 5
The diameter is 10
The circumference is 31.41592653589793
The area is 78.53981633974483
```

```
Enter the number :-
14
The number is divisible by 7 and 2
```

```
Enter the 3 numbers :-
12
55
90
The maximum number is 90
```

```
The value of product is 135
The value of division is 1
The value of modulo is 6

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

```
The value of sum is 19
The value of difference is -1

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