```
PS C:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function> python -u "c:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function\q1.py"
Enter number : 5
Factorial of 5 is 120
```

```
PS C:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function>
                > python -u "c:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function\q2.py"
Enter number : 5
Fibonacci series up to 5 terms: [0, 1, 1, 2, 3]
```

```
PS C:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function> python -u "c:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function\q3.py"
GCD of 48 and 18 is 6
```

```
PS C:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function> python -u "c:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function\q4.py"
The factorial of 5 is 120
```

```
PS C:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function> python -u "c:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function\q5.py"
Fibonacci series up to 10 terms: [0, 1, 1, 2, 3, 5, 8, 13, 21, 34]
```

```
PS C:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function> python -u "c:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function\q6.py"
GCD of 48 and 18 is 6
```

```
PS C:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function> python -u "c:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function\q7.py"
GCD of 48 and 18 is 6
Number of recursive calls: 4
```

```
PS C:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function> python -u "c:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_Function\q8.py"
Enter the value of x: 5
Enter the value of y: 2
The value of 5.0 raised to the power of 2.0 is: 25.0
```

```
PS C:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_4_List> python -u "c:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_4_List\q7.py"
Second smallest: 2
Second largest: 5
```

```
PS C:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_4_List> python -u "c:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_4_List\q9.py"
True
```

```
PS C:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_4_List> python -u "c:\Users\suraj\OneDrive\Desktop\Py_ass\Assignment_4_List\q10.py"
[1, 2, 3, 8, 6, 7]
```