

TEST REPORT OF LAB WORK 1.

Output of the code 1.

Collatz Calculator

Enter a number to start the sequence:

Calculate

Collatz Calculator With Range

Enter a start number:

Enter an end number:

Calculate

Output of calculator 1

Collatz Calculator

Enter a number to start the sequence:

Calculate

The Iteration is 25 and The Maximum Number is 100

The Collatze Sequence for 100 is: 100, 50, 25, 76, 38, 19, 58, 29, 88, 44, 22, 11, 34, 17, 52, 26, 13, 40, 20, 10, 5, 16, 8, 4, 2, 1,

Output of the calculator with range

Collatz Calculator With Range

Enter a start number:

Enter an end number:

Calculate

Collatz Sequence Range

Number	Max Number	Iteration
5	16	5
6	16	8
7	52	16
8	8	3
9	52	19
10	16	6

And the second part

Maximum Iteration:

Number	Max Number	Iteration
9	52	19

Minimum Iteration:

Number	Max Number	Iteration
8	8	3

Activate Windows
Go to Settings to activate Windows.