**1.Pascal Triangle**

Output:

*Enter the number of rows you want in Pascal’s triangle: 10*

*1*

*1 1*

*1 2 1*

*1 3 3 1*

*1 4 6 4 1*

*1 5 10 10 5 1*

*1 6 15 20 15 6 1*

*1 7 21 35 35 21 7 1*

*1 8 28 56 70 56 28 8 1*

*1 9 36 84 126 126 84 36 9 1*

**2.prime numbers between two intervals:**

Output:

Enter two positive integers: 3

11

Prime numbers between 3 and 11 are: 5 7

**3.Sort the elements of the descending order:**

**Output:**

*Enter the size of the array: 5*

*Enter 5 elements:*

*1*

*9*

*7*

*0*

*4*

*Array elements in descending order:*

*9 7 4 1 0*

**4.Reverse a string using recursion:**

**Output:**

*Enter a string: lathika*

*Reversed string: akihtal*

**5.Two dimensional array using pointers:**

Output:

Value at array[0][0]: 1

Value at array[1][1]: 5

Value at array[2][2]: 9