Assignment 3 (21/ 09 / 20)

1 . Find the Maximum Sum of K consecutive integers in an array

Ex – **Input** : n = 5 , arr [] = {1 , 2 , 3 , 1, 4 , 5} , k = 3

**Output** : 10

**Explanation** : 1 + 4 + 5 = 10

2 . Write a Program to Reverse an Array.

Ex – **Input** : n = 5 , arr[] = {1 , 2 , 3 , 4 , 5}

**Output** : arr [] = {5 , 4 , 3 , 2 , 1}

3 . Write a Program to rotate an array.

Ex – **Input** : n = 5 , arr[] = {1,2,3,4,5} , d = 2

**Output** : arr[] = {3,4,5,1,2}

4 . Write a Program to find Leader’s in an array (A Number is a Leader if no other number in the later part of the array Is greater than it )

Ex – **Input** : arr [] = {5 , 3 , 20 , 15 , 8 , 3}

**Output** : 20 , 15 , 8 , 3

**Explanation** : 20 🡪 No element is greater than 20 on it’s right

15 🡪 No element is greater than 15 on it’s right