INDIAN SCHOOL MUSCAT
COMPUTER SCIENCE
CLASS 11 (2017-18)

REVISION ASSIGNMENT 3

TOPIC : Programming QUESTIONS (Arrays – 1 dimension array numeric & string, 2 dimension array)

DATE : 24.01.2018

1   Write a program to find the highest and the lowest values in an array of 'n' elements

2   Write a program to swap first element with last element in an array of 'n' elements

3   Write a program to replace even values with their square and odd values with their cubes in an array of 'n' elements.'

4   Write a program to combine the contents two equi sized arrays A and B by adding their corresponding elements as the formula A[i] + B[i]; where value i varies from 0 to N-1 and transfer the resultant content in the third same sized array C.

5   Write a program to modify the content of the array in such a way that the elements which are multiples of 10 swap with the value present in the very next position in the array. If the last element is a multiple of 10 assign it -1.For example: if the content of the array is

91, 50, 54,22,30,54,90

The content of the array become

91, 54, 50,22,54,30,-1

6   Write a program to find the length of string. (without using built in function)

7   Write a program to check a string is palindrome or not.

8   Write a program to compare two strings they are exact equal or not.

9   Write a program to find the average of all the elements present in a 2-D array.

10 Write a program to count the multiples of 7 in a 2-D array.

11 Write a menu driven C++ program to do following operation on two dimensional array A of size m x n.

The options are:

- To input elements into matrix
- To display elements of matrix
- Sum of all elements of matrix
- To display row-wise sum of matrix
- To display col-wise sum of matrix
- To create transpose of matrix A and store it in B
- To print UPPER half of the array

12 Write a program to swap first column elements with last column elements in a 2-D array.