INDIAN SCHOOL AL WADI AL KABIR

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| **Class: XII (CS)** | **Department: Computer Science** | **Date of submission:04/08/2019** |
| **Worksheet No:5** | **Topic: Lab Exercises ( 14 - 20 )** | **Note: Holiday Home Work** |

Q1. Write a menu driven program to input an array of N elements and

1. To reverse the array
2. To interchange the first half with the second half

Q2. Write a menu driven program to input an array of N elements and

1. To interchange every even position element with the next odd position no.
2. To shift the elements to right by one position
3. To copy all even elements to another array

 Q3. Write a menu driven program to input an array n elements and

1. To find the sum of all elements divisible by 3
2. To add 10 to all even position elements and multiple 3 with all odd position elements

 Q4. Write a menu driven program to input a 2D array of size n x m and

1. Print the upper and lower triangle
2. Find the sum of all even row elements.

 Q5. Write a menu driven program to input a 2D array and

1. Display the middle row and middle column
2. Display the diagonal elements

 Q6. Write the menu driven program to input a 2D array and

1. Interchange the first row with the last row
2. Interchange the second column with the second last column

 Q7. Write a menu driven program to input a matrix and

1. Find the sum of all elements with 3 as the last digit
2. Find the sum of all elements in the odd columns