Assignment 2- One Dimensional Array (1 D)

Q1. WAP to increase every student mark by 5 & then print the updated array.
Q2. WAP to print grade of students as per their marks given in an array. (>=75-- A grade, 74 to 60--B Grade, 59 to 40--C grade below 40--D grade).
Q3. WAP to find who scored first "99" in an array marks.
Q4. WAP to find Who & how many students have scored 99 in an array Marks.
Q5. WAP to find sum of all scores in Marks array.
Q6. WAP to find average score of the Marks array.
Q7. WAP to check whether score is even or odd in an array.
Q8. WAP to find maximum & minimum score in the Marks array.
Q9. WAP to find a peak element which is not smaller than its neighbors.
Q10. WAP to count prime numbers in an array.
Q11. WAP to implement Insert -Front, any position in between & end in an array. Print the array before insert & after insert.
Q12. WAP to implement delete-Front, any position in between & end in an array. Print the array before delete & after delete.
Q13. Given an array, the task is to cyclically rotate the array clockwise by one time. Examples: Input: arr[] = {1, 2, 3, 4, 5} Output: arr[] = {5, 1, 2, 3, 4} Input: arr[] = {2, 3, 4, 5, 1} Output: {1, 2, 3, 4, 5}
Q14. Given an array of n integers. The task is to print the duplicates in the given array. If there are no duplicates then print -1. Examples: Input: {2, 10,10, 100, 2, 10, 11,2,11,2} Output: 2 10 11 Input: {5, 40, 1, 40, 100000, 1, 5, 1} Output: 5 40 1