Course: Data Structures Lab
Date: 20-7-2023
Topic: Array

1. Insert an item into an index.

Sample input:	Output: Array is:
Enter number of elements: 5	A[1] =3
Enter the index: 3	A[2] =28
Enter the value to insert: 15	**A[3] =15**
Enter Array:	A[4] =5
3	A[5] =11
28	A[6] =17
5	
11	
17	

2. Delete an item from an index.

Sample input:	Output: Array is:
Enter number of elements: 5	A[1] =3
Enter the index: 4	A[2] =28
Enter Array:	A[3] =5
3	A[4] =17
28	
5	
11	
17	

3. Suppose you are attending P.E class in school. You made a line randomly of **n** numbers of students. The teacher then instructed you to stand in a line according to your height in ascending order. Here input will be the height of the students and output will be the sorted height of the students.
   Sample Input:
   Number of students **5**
   Heights: 4.8, 5.1, 6, 5.5, 4.9
   Output:
   4.8, 4.9, 5.1, 5.5, 6

4. **Find the mth even value of an array and delete it.**

Sample input:	Output:
Enter Value of m: 2	The index of the 2nd even value is 36
Enter the values of array:	Array is:
3	A[1] = 3
28	A[2] =28
36	A[3] =11
11	A[4] =17
17	