**7 )Write a C program to implement Array operations such as Insert, Delete and Display**

**Aim**

To write a C program that performs basic array operations such as **insertion**, **deletion**, and **display** of elements.

**Algorithm**

1. **Start**
2. Initialize an array and a variable n for the number of elements.
3. Display a menu with options:
   * **Insert** an element
   * **Delete** an element
   * **Display** all elements
   * **Exit**
4. For **Insertion**:
   * Input the position and element.
   * Shift elements from that position to the right.
   * Place the new element in the given position.
   * Increase the size n by 1.
5. For **Deletion**:
   * Input the position.
   * Shift elements from that position to the left.
   * Decrease the size n by 1.
6. For **Display**:
   * Print all elements of the array.
7. Repeat until **Exit** is chosen.
8. **Stop**

**Program**

