```c
*****WRITE A C Program to INSERT ELEMENTS IN ARRAY*****

#include<stdio.h>
int main()
{
  // original array
  int arr[] = {10, 20, 30, 40, 50};

  // take position and element
  int index, key;
  printf("Enter position: ");
  scanf("%d", &index);
  printf("Enter element to insert: ");
  scanf("%d", &key);

  // calculate size of the array
  int n = sizeof(arr)/sizeof(arr[0]);

   // check position
  if(index < 0 || index > n)
  {
    printf("Error! The position is not valid.");
    printf("\nPlease, Enter position from 0 to %d\n", n);
    return 0;
  }

  // create new array of size = n+1
  int temp[n+1];

  // copy elements
  for (int i=0, j=0; i <= n; ++i)
  {
    if(i == index)
    temp[i] = key;
    else
    temp[i] = arr[j++];
  }

  // display new array
  printf("Array elements are: \n");
  for (int i = 0; i <= n; ++i)
  {
    printf("%d ", temp[i]);
  }

  return 0;
}
```

*****WRITE A C Program to DELETE ELEMENTS FROM ARRAY USING POSITION*****

```c
#include<stdio.h>
// function to display array
void display(int arr[], int n)
{
  for (int i = 0; i < n; ++i)
    printf("%d ", arr[i]);
}

// main fu2nction
int main()
{
  // original array
  int arr[] = {10, 20, 30, 40, 50};

  // take index to remove
  int index;
  printf("Enter index: ");
  scanf("%d", &index);

  // calculate size of the array
  int n = sizeof(arr)/sizeof(arr[0]);

   // check index is valid or not
  if(index < 0 || index > n-1)
  {
    printf("Error! the index is not valid.");
    printf("\nEnter index from 0 to %d\n", n-1);
    return 0;
  }

  // display original array
  printf("Original array: ");
  display(arr, n);

  // create new array of size = n-1
  int temp[n-1];

  // copy elements
  for (int i=0, j=0; i < n; ++i)
  {
    // skip at index position
    if(i == index) continue;
    else temp[j++] = arr[i];
  }
```

```
  // display new array
  printf("\nNew Array: ");
  display(temp, n-1);

  return 0;
}
```