#include<stdio.h>

int main() {

int size, i;

printf("Enter size: ");

scanf(" %d", &size);

int arr[size];

for (int i = 0; i< size; i++)

{

printf("Enter the value %d : ", i);

scanf(" %d", &arr[i]);

}

int res; int num;

printf("Value to insert elements: ");

scanf(" %d", &res);

printf("Position to insert elements: ");

scanf(" %d", &num);

for(i = size - 1; i >= res -1 ; i--)

{

arr[i + 1] = arr[i];

arr[res - 1] = res;

}

printf("Result of insertion: \n");

for(i = 0; i<= size; i++)

{

printf("Element [%d] = %d\n", i, arr[i]);

}

return 0;

}

**Deletion**

#include <stdio.h>

int main()

{

int array[100], position, c, n;

printf("Enter number of elements in array: ");

scanf("%d", &n);

printf("Enter %d elements: ", n);

for (c = 0; c < n; c++)

scanf("%d", &array[c]);

printf("Enter the location where you wish to delete element: ");

scanf("%d", &position); if (position >= n+1)

printf("Deletion not possible.");

else { for (c = position - 1; c < n - 1; c++)

array[c] = array[c+1];

printf("Resultant array: ");

for (c = 0; c < n - 1; c++)

printf("%d", array[c]);

}

return 0;

}