#include<stdio.h>

void display(int arr[], int n){

// Code for Traversal

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

{

printf("%d ", arr[i]);

}

printf("\n");

}

int indInsertion(int arr[], int size, int element, int capacity, int index){

// code for Insertion

if(size>=capacity){

return -1;

}

for (int i = size-1; i >=index; i--)

{

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

}

arr[index] = element;

return 1;

}

int main(){

int arr[100] = {7, 8, 12, 27, 88};

int size = 5, element = 45, index=1;

display(arr, size);

indInsertion(arr, size, element, 100, index);

size +=1;

display(arr, size);

return 0;

}