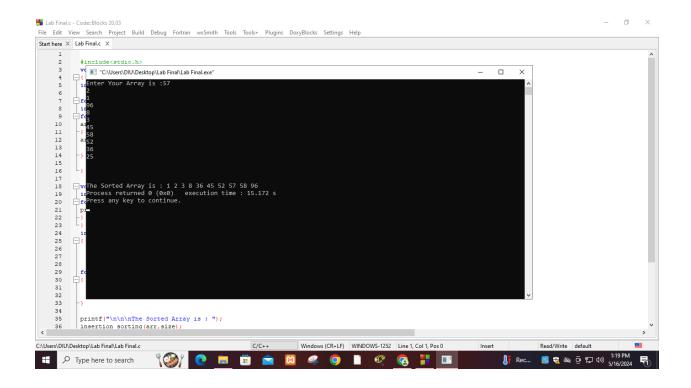
Problem 1

```
#include<stdio.h>
void insertion_sorting(int arr[], int size)
{
int i,j;
for(i=1; i<size; i++){
int temp=arr[i];
for(j=i-1; j>=0 && arr[j]>temp; j--){
arr[j+1]=arr[j];
}
arr[j+1]=temp;
}
}
void print_array(int arr[], int size){
int i;
for(i=0; i<size; i++){
printf("%d ",arr[i]);
}
}
int main()
{
  int arr[10];
```

```
int i,size=10;
  printf("Enter Your Array is :");
for(i=0; i<10; i++)
{
    scanf("%d ",&arr[i]);
}

printf("\n\n\nThe Sorted Array is : ");
insertion_sorting(arr,size);
print_array(arr,size);
return 0;
}</pre>
```



Problem 2

```
#include<stdio.h>
void print_array(int arr[],int size)
{
  int i;
  printf("\n\nYour Array is : ");
  for(i=0; i<size; i++)
  {
     printf("%d ",arr[i]);
  }
}
void delet_index(int* arr, int size, int position)
{
  int i;
  for(i=position; i<=size; i++)</pre>
  {
    arr[i]=arr[i+1];
  }
}
int main()
{
```

```
printf("Enter Your Roll : ");
    int i,position;
    int arr[10];
    int size = sizeof(arr)/sizeof(arr[0]);
    for(i=0; i<size; i++)
    {
        scanf("%d",&arr[i]);
    }
    print array(arr,size);
    printf("\nWhich index element you want to remove : ");
    scanf("%d",&position);
    delet index(arr,size,position);
    size--;
    print_array(arr,size);
return 0;
                                                                                                                                                                         o
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 Start here X New Task 2.c X
             void . "C:\Users\DIU\Desktop\Lab Final\New Task 2.exe"
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                    our Array is : 12 13 14 15 16 17 18 19 20 21
nich index element you want to remove : 9
                    our Array is : 12 13 14 15 16 17 18 19 20 rocess returned 0 (0x0) \, execution time : 15.900 s ress any key to continue.
          int

[
                 print_array(arr,size);
printf("\nWhich index element you want to remove : ");
scanf("%d",&position);
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                                                                                                                                                 Read/Write default
```