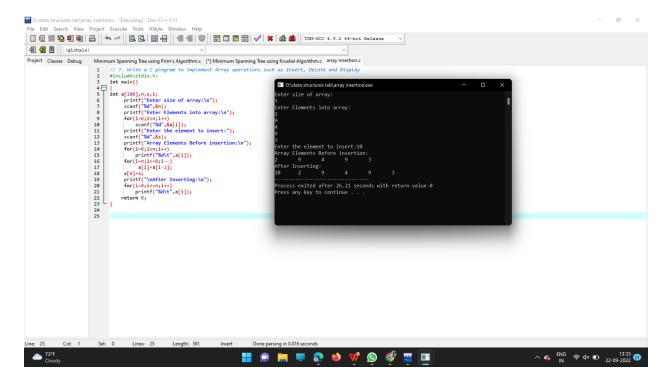
// 7. Write a C program to implement Array operations such as Insert, Delete and Display // INSERTION ;

```
#include<stdio.h>
int main()
int a[100],n,s,i;
        printf("Enter size of array:\n");
        scanf("%d",&n);
        printf("Enter Elements into array:\n");
        for(i=0;i<n;i++)
           scanf("%d",&a[i]);
        printf("Enter the element to insert:");
        scanf("%d",&s);
        printf("Array Elements Before insertion:\n");
        for(i=0;i< n;i++)
           printf("%d\t",a[i]);
        for(i=n;i>=0;i--)
                a[i]=a[i-1];
        a[0]=s;
        printf("\nAfter Inserting:\n");
        for(i=0;i\leq=n;i++)
          printf("%d\t",a[i]);
  return 0;
```



```
// DELETION:
#include<stdio.h>
int main()
   int n,array[5],i;
   printf("\n enter the number of array elements:");
   scanf("%d",&n);
   printf("\n enter the %d elements:",n);
   for(i=0;i< n;i++)
       scanf("%d",&array[i]);
   if(i==n-1)
       printf("\n array full");
   else
       array[n-1]=0;
       n=n-1;
   printf("\nArray elements after deletion: ");
   for(i=0;i< n;i++)
       printf("%d\t",array[i]);
   return 0;
D:\data structures lab\ARRAY DELETION.c - [Executing] - Dev-C++ 5.11
 Project Classes Debug Minimum Spanning Tree using Prim's Algorithm.c [*] Minimum Spanning Tree using Kruskal Algorithm.c array insertion.c ARRAY DELETION.c
                1 #include<stdio.h>
2 int main()
3 □ (
                                                                      D:\data structures lab\ARRAY DELETION.ex
                      4 5 6 7 8 9 10 11 12 13 日 14 15 16 7 18 19 20 21 }
                      printf("\n array full");
else
                                                                         cess exited after 16.94 seconds with return value 0
                         array[n-1]=0;
n=n-1;
                      printf("\nArray elements after deletion: ");
for(i=0;i<n;i++)
    printf("%d\t",array[i]);</pre>
                                                || 🗩 🗎 💻 💿 🤟 💖 🕟 🐠 🞹 🔳
```