**PRACTICAL EXAM**

**OBJECTIVE:** Write a program to perform bubble sort on n numbers without recursion.

**CODE:**

#include<stdio.h>

#include<conio.h>

#include<stdlib.h>

main()

{int n,i,temp,j,k;

printf("\nEnter the Number of elements to be sorted");

scanf("%d",&n);

int a[n];

printf("\nenter the elements");

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

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

printf("\nelements before sorting are:\n");

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

printf("%d\t",a[i]);

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

{for(j=0;j<n-i;j++)

{if(a[j]>a[j+1])

{temp=a[j];

a[j]=a[j+1];

a[j+1]=temp;

}

}

}

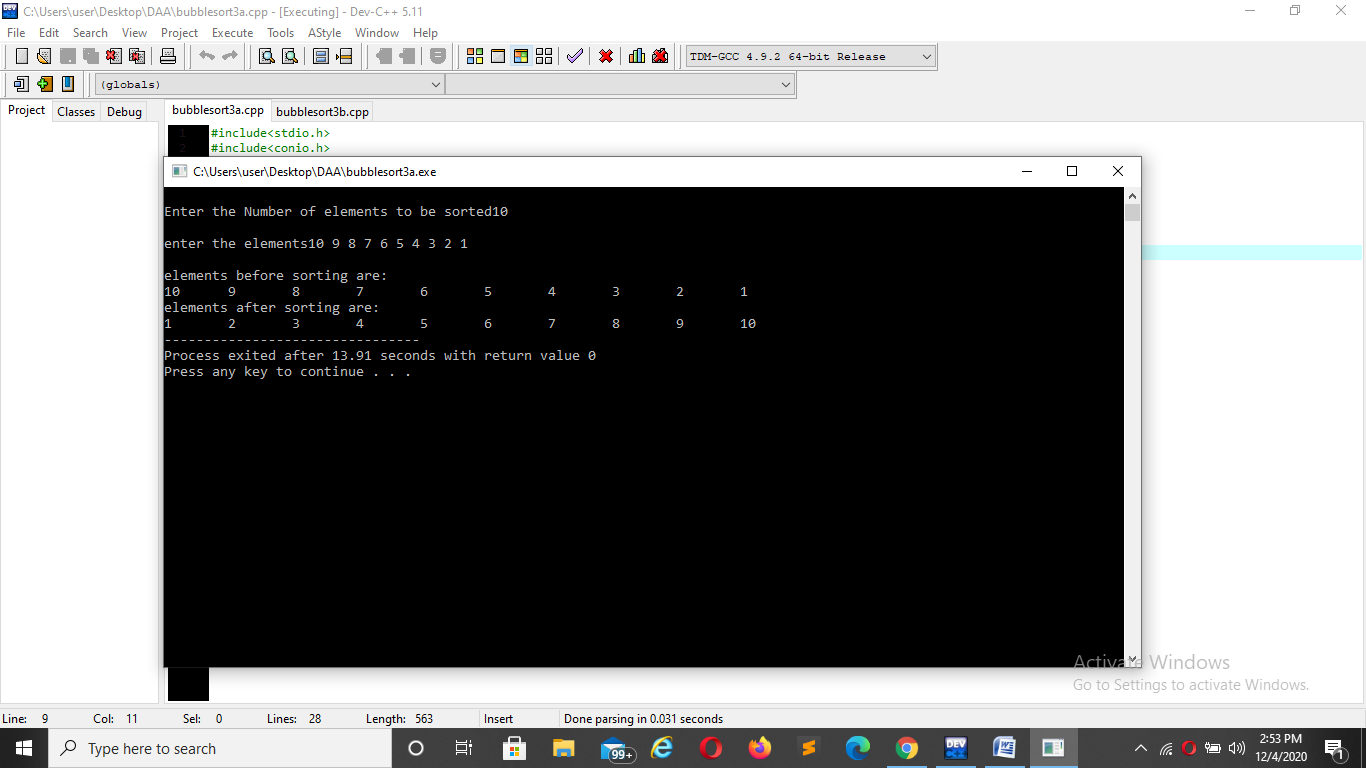
printf("\nelements after sorting are:\n");

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

printf("%d\t",a[k]);

}

**OUTPUT:**

****