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|  | **DEPARTMENT OF FIRST YEAR ENGINEERING** |

**Experiment No. 11**

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| Semester | F.E. Semester II – First Year Engineering |
| Subject | C Programming (FEL204) |
| Subject Professor In-charge | Prof. Sanjeev Dwivedi Sir |
| Assisting Teachers | Prof. Sneha Annappanavar |

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| Student Name | Deep Salunkhe |
| Roll Number | 21102A0014 |

**Title:**

**Program Code:**

#include<stdio.h>

void sort(int x[],int n)

{

    int i,j,temp;

    for(i=1;i<n;i++)//Pass

    {

        for(j=0;j<n-i;j++)//Compare

        {

            if(x[j]>x[j+1])

            {

                temp=x[j];

                x[j]=x[j+1];

                x[j+1]=temp;

            }

        }

    }

}

int main()

{

    int a[100],n,i;

    printf("Enter size of array:\n");

    scanf("%d",&n);

    for(i=0;i<n;i++)

    {

        printf("\nEnter Element:\n");

        scanf("%d",&a[i]);

    }

    sort(a,n);

    printf("\nSorted array=\n");

    for(i=0;i<n;i++)

    {

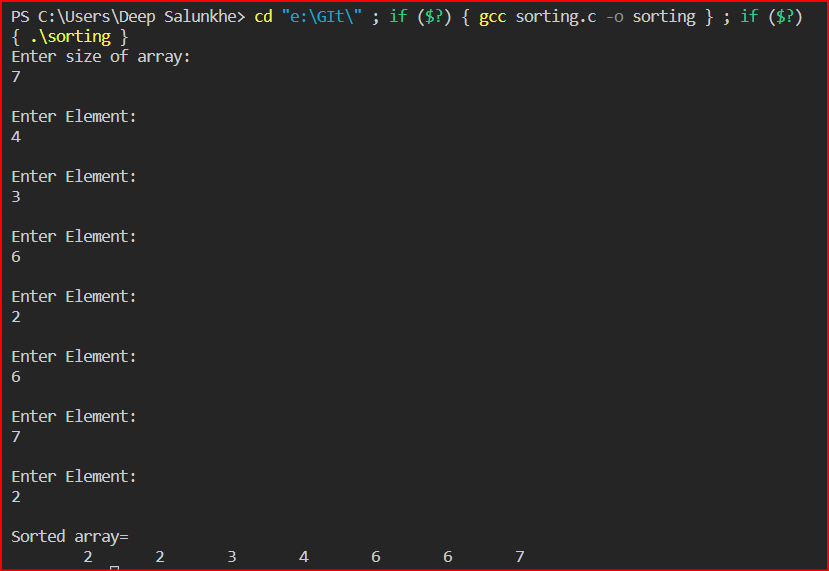
        printf("\t%d",a[i]);

    }

    return 0;

}

**Output:**

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