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

**Experiment No. 18**

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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>

#include<string.h>

struct patient

{

    int id,amount;

    char name[20];

};

int main()

{

    struct patient p[100],temp;

    int n,i,j;

    printf("Enter number of patients:\n");

    scanf("%d",&n);

    for(i=0;i<n;i++)

    {

        printf("\nEnter ID,name and bill amount:\n");

        scanf("%d%s%d",&p[i].id,&p[i].name,&p[i].amount);

    }

    for(i=1;i<n;i++)

    {

        for(j=0;j<n-i;j++)

        {

            if(strcmp(p[j].name,p[j+1].name)>0)

            {

                temp=p[j];

                p[j]=p[j+1];

                p[j+1]=temp;

            }

        }

    }

    printf("\nSorted List=\n");

    for(i=0;i<n;i++)

    {

        printf("\n");

        printf("\nID=%d",p[i].id);

        printf("\nName=%s",p[i].name);

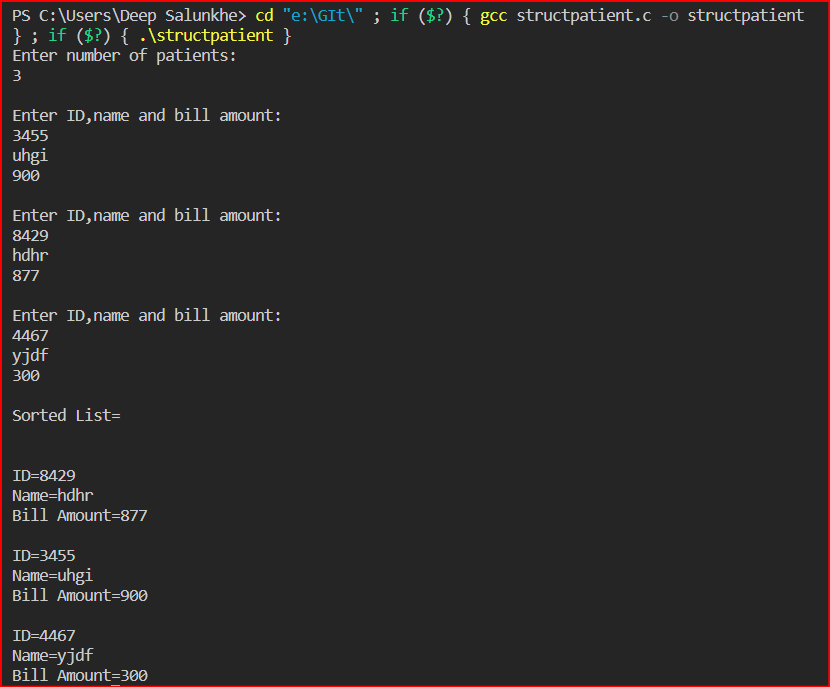
        printf("\nBill Amount=%d",p[i].amount);

    }

    return 0;

}

**Output:**

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