**PROGRAM CODE**

#include<iostream.h>

#include<string.h>

#include<conio.h>

int returnpid();

class hospital

{

int pid;

char pname[25];

char problem[25];

char dept[25];

char emergency[25];

float cost;

public:

void get()

{

cout<<"Enter the patient id";

cin>>pid;

cout<<"\nEnter the patient name";

cin>>pname;

cout<<"\nEnter the patients problem";

cin>>problem;

cout<<"Enter\n1-If it is an emergency\n2-if it is not an emergency";

cin>>emergency;

cout<<"\nEnter the patients department";

cin>>dept;

}

void tcost()

{

if(strcmp(dept,"Cardiac")==0)

cout<<"The cost is 2 lakh";

else if(strcmp(dept,"Accident")==0)

cout<<"The cost is 1.5 lakh";

else

cout<<"The cost is 1 lakh";

}

void put()

{

cout<<"The patient id is"<<pid;

cout<<"\nThe pateint name is"<<pname;

cout<<"\nThe patients problem is"<<problem;

cout<<"\nThe cost of treatment is";tcost();

}

int returnpid()

{ return pid;}

};

void main()

{clrscr();

cout<<"\n\t\t\tWelcome to SAP hospital";

cout<<"\n\t\t\t\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_";

int n,i,id;

hospital H[10];

cout<<"\nEnter the number of patients";

cin>>n;

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

{

H[i].get();

}

cout<<"\nEnter the patients details you want to see";

cin>>id;

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

{

if(H[i].returnpid()==id)

{H[i].put();}

}

getch();

}

**OUTPUT**

Welcome to SAP hospital

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Enter the number of patients1

Enter the patient id1

Enter the patient name BAC

Enter the patients problem Heart attack

Enter

1-If it is an emergency

2-if it is not an emergency

Enter the patients department 1

Enter the patients details you want to see 1

The patient id is 1

The patient name is BAC

The patient’s problem is Cardiac

The cost of treatment is 1 lakh