* To create a Student class using Constructor and Destructor.

#include<iostream>

using *namespace* std;

*class* *student*{

*char* stdname[10],gmail[10],dob[10],add[10];

*int* roll;

*public:*

  student();

*void* course();

*void* display();

  ~student(){

    cout<<"Destructor executed in student class "<<endl;

  };

};

*void* *student*::display(){

    cout<<"-------------Entered details: -------------"<<endl;

    cout<<"Student name: "<<stdname<<endl;

    cout<<"Student roll: "<<roll<<endl;

    cout<<"Student Email: "<<roll<<endl;

    cout<<"Student dob: "<<dob<<endl;

    cout<<"Student adress: "<<add<<endl;

  };

*student*::student(){

    cout<<"Enter student name: "<<endl;

    cin>>stdname;

    cout<<"Enter student roll no.: "<<endl;

    cin>>roll;

    cout<<"Enter student Email: "<<endl;

    cin>>gmail;

    cout<<"Enter student dob: "<<endl;

    cin>>dob;

    cout<<"Enter student address: "<<endl;

    cin>>add;

};

*int* main(){

*student* s;

    s.display();

}

* To create a Course class using Constructor and Destructor.
* #include<iostream>
* using *namespace* std;
* *class* *course*{
* *public:*
* *char* branch[10],courseName[10];
* *int* sem,courseId,courseCredit;
* course();
* *void* display(){
* cout<<"----------Entered course details: -------------"<<endl;
* cout<<"Student Sem: "<<sem<<endl;
* cout<<"Student Branch: "<<branch<<endl;
* cout<<"Student Course Name: "<<courseName<<endl;
* cout<<"Student Course id: "<<courseId<<endl;
* cout<<" Course Credit: "<<courseCredit<<endl;
* };
* ~course(){
* cout<<"Destructor executed in course class"<<endl;
* };
* };
* *course*::course(){
* cout<<"Enter the student Sem: ";
* cin>>sem;
* cout<<"Enter the student Branch: ";
* cin>>branch;
* cout<<"Enter the courseName: ";
* cin>>courseName;
* cout<<"Enter the course id: ";
* cin>>courseId;
* cout<<"Enter the course credit: ";
* cin>>courseCredit;
* }
* *int* main(){
* *course* c;
* c.display();
* }