To allocate appropriate access specifiers to data members of student and course class along with justification in comments.

#include<iostream>

#include<string.h>

using *namespace* std;

*class* *course*;

//Student Class

*class* *student*{

*private:* // Protecting data from being manipulated outside of the class

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

*int* roll;

*public:*

    //Constructor student class

  student(*char* *stdN*[10],*int* *rollno*,*char* *email*[10],*char* *Dob*[10],*char* *Add*[10]){

    strcpy(stdname,*stdN*);

    roll = *rollno*;

    strcpy(gmail ,*email*);

    strcpy(dob , *Dob*);

    strcpy(add , *Add*);

  };

*void* display(); // To display Result

  ~student(){

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

  };

};

*class* *course*{

*private:* //Protecting data from being manipulated outside of the class

*char* branch[10],courseName[10];

*int* sem,courseId,courseCredit;

*public:*

  course(*char* *Branch*[10],*char* *CourseName*[10],*int* *Sem*,*int* *CourseId*,*int* *CourseCredit*){ //course Class constructor

       strcpy(branch,*Branch*);

       strcpy(courseName,*CourseName*);

       sem = *Sem*;

       courseId = *CourseId*;

       courseCredit = *CourseCredit*;

};

*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;

  };

};

*void* *student*::display(){ // To display Result

    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 address: "<<add<<endl;

  };

To add the details of a student using a parameterized constructor of student class.

#include<iostream>

using *namespace* std;

#include<string.h>

*class* *Student*

{

*private:*

*char* Name[30],Semester[30],Branch[30],Address[30],Roll\_No[30];

*public:*

    Student(*char* *a*[30],*char* *b*[30],*char* *c*[30],*char* *e*[30], *char* *d*[30])

    {

        strcpy(Name,*a*);

        strcpy(Semester,*b*);

        strcpy(Branch,*c*);

        strcpy(Address,*e*);

        strcpy(Roll\_No,*d*);

    }

*void* Output()

    {

        cout<<"The Name is : "<<Name<<endl;

        cout<<"The Semster of the Student is : "<<Semester<<endl;

        cout<<"The Branch of the Student is : "<<Branch<<endl;

        cout<<"The Address of the Student is : "<<Address<<endl;

        cout<<"The Roll Number of the Student is : "<<Roll\_No<<endl;

    }

};

*int* main()

{

*char* a[30],b[30],c[30],d[30],e[30];

    cout<<"The Name of the Student is : ";

    cin>>a;

    cout<<"The Semster of the Student is : ";

    cin>>b;

    cout<<"The Branch of the Student is : ";

    cin>>c;

    cout<<"The Address of the Student is : ";

    cin>>e;

    cout<<"The Roll Number of the Student is : ";

    cin>>d;

*Student* S(a,b,c,e,d);

    S.Output();

    return 0;

}