**Assignment 10**

Problem 1:

Namespace xyz;

{

class Student

{

protected int \_age;

int \_rollNo;

}

class CollegeStudent

{

public static void Main()

{

CollegeStudent stu = new CollegeStudent();

stu.\_age = 10;

}

}

}

**Solution:**

The Code will fail because the variable \_age is encapsulated into a class having the access modifier protected, which means that variable \_age can only be accessed within its own class or inherited class, but class CollegStudent is neither in its own class nor is inherited from student class.

Problem 2:

namespace University

{

class univPeople

{

Students[] students = new Student[3];

WorkingStaff[] staffMembers;

//Const logic for this class which fills in both the array of student and staff

public univPeople

{

Student Ankit = new Student();

Ankit.fullName="Ankit Mathur";

Ankit.\_age = 25;

students[0]=Ankit;

}

}

}

**Solution:**

1. The accessing of variable \_age of class Student can take place as the reference of student assembly is added to the university assembly and the access modifier is private internal.