

LAB SHEET 5 (CLASSES)

1. Define a class 'student' with data members stno, stname and age. Also include following: Default Constructor and parameterized constructor display method to show all details.

```
namespace studentdetails
{
    internal class student
    {
        int studno;
        string studname;
        int age;
        public student()
        {
            studno=2020120;
            studname = "Santhosh";
            age = 29;
        }
        internal student(int stno, string stname, int stage)
        {
            studno = stno;
            studname = stname;
            age = stage;
        }
        public void display()
        {
            Console.WriteLine(" your roll number is " + studno);
            Console.WriteLine(" , your name is " + studname + " , age is "+age);
        }
    }
}
class Sttest
{
    static void Main()
    {
        student obj1 = new student();
        obj1.display();

        Console.WriteLine("Enter your roll number");
        int rollno= Convert.ToInt32(Console.ReadLine());
        Console.WriteLine("enter your name");
        string name = Console.ReadLine();
        Console.WriteLine("enter your age");
        int age1= Convert.ToInt32(Console.ReadLine());

        student obj2 = new student(rollno, name, age1);
        obj2.display();
    }
}
```

```
your roll number is 2020120 , your name is Santhosh , age is 29
Enter your roll number
2020121
enter your name
Kumar
enter your age
31
your roll number is 2020121 , your name is Kumar , age is 31

C:\Users\santh\source\repos\ConsoleApp15\ConsoleApp15\bin\Debug\net6.0\ConsoleApp15.exe (process 3908) exited with code
0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console
when debugging stops.
Press any key to close this window . . .
```

Assessment 5a:

Telecom company is storing consumer details. Design a class to represent a consumer account. Include the following data members: Name of the consumer, Consumer's Mobile Number, Call usage in minutes. Calculate the bill amount to be paid. Bill amount = minutes * Rs. 2.

Write a C# program to demonstrate the method to calculate & display the consumer number along with the total amount to be paid.


```

        case 3:
            obj.deposit();
            break;
        default:
            Console.WriteLine("Please Enter Correct number");
            break;
    }
} while (ch <= 3);
}
}

```

```

Press 1 to check Balance
Press 2 to withdraw money
Press 3 to deposit
1
Balance is 20000
Press 1 to check Balance
Press 2 to withdraw money
Press 3 to deposit
2
Your Balance is 20000
Enter amount to be withdrawn
10000
New Balance is10000
Press 1 to check Balance
Press 2 to withdraw money
Press 3 to deposit

```

Assessment 5b:

Design a class to represent a employee's details. Include the following Data Members: Name of the employee, Employee Id, Salary, Leave balance and methods: To assign initial values, to increment the salary, to display name and the leave balance.

Write a C# program to demonstrate the working of the various class members.