

```

6) package CIE;

import java.util.Scanner;

public class Student
{
    int usn;

    String name;

    int sem;

    Scanner s1=new Scanner(System.in);

    public void accept()
    {
        System.out.println("Enter the usn:");
        usn=s1.nextInt();

        System.out.println("Enter the name:");
        name=s1.next();

        System.out.println("Enter the sem:");
        sem=s1.nextInt();
    }

    public void display()
    {
        System.out.println("Usn:" + " " + usn);
        System.out.println("Name:" + " " + name);
        System.out.println("Sem:" + " " + sem);
    }
}

package CIE;

import java.util.Scanner;

public class Internals extends Student
{
    Scanner s1=new Scanner(System.in);

```

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public int lmarks[]=new int[5];

public void accept()
{
    System.out.println("Enter the marks scored in 5 subjects");
    for(int i=0;i<5;i++)
    {
        lmarks[i]=s1.nextInt();
    }
}

public void display()
{
    for(int i=0;i<5;i++)
    {System.out.println("The marks scored in "+ (i+1)+"subject is"+lmarks[i]);
    }
}

package CIE;

import java.util.Scanner;

```

```

public class Internals extends Student
{
    Scanner s1=new Scanner(System.in);
    public int lmarks[]=new int[5];
    public void accept()
    {
        System.out.println("Enter the marks scored in 5 subjects");
        for(int i=0;i<5;i++)
        {
            lmarks[i]=s1.nextInt();
        }
    }

    public void display()
    {
        for(int i=0;i<5;i++)
        {System.out.println("The marks scored in "+ (i+1)+"subject is"+lmarks[i]);
        }
    }
}

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}}}

import CIE.Student;

import CIE.Internals;

import SEE.Externals;

import java.util.Scanner;

public class Final

{

public static void main(String xx[])

{

Scanner S1=new Scanner(System.in);

int n;

System.out.println("Enter the value of n");

n=S1.nextInt();

CIE.Student S[]=new CIE.Student[n];

CIE.Internals I[]=new CIE.Internals[n];

SEE.Externals E[]=new SEE.Externals[n];

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

{

S[i]=new Student();

I[i]=new Internals();

E[i]=new Externals();

S[i].accept();

I[i].accept();

E[i].accept();

S[i].display();

I[i].display();

E[i].display();

for (int j=0;j<5;j++)

{int finalmarks=I[i].lmarks[j]+E[i].EMarks[j];

System.out.println("Marks in :"+(i+1)+"subject is"+finalmarks);

}}}

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```
C:\Users\Lakshitha.L\Desktop\Hat>java Final
Enter the value of n
2
Enter the usn:
1
Enter the name:
A
Enter the sem:
3
Enter the markes scored in 5 subjects
100
90
90
100
100
Enter the markes scored in 5 subjects
100
90
100
99
100
Usn: 1
Name: A
Sem: 3
The marks scored in 1subject is100
The marks scored in 2subject is90
The marks scored in 3subject is90
The marks scored in 4subject is100
The marks scored in 5subject is100
The marks scored in 1subject is100
The marks scored in 2subject is90
The marks scored in 3subject is100
The marks scored in 4subject is99
The marks scored in 5subject is100
Marks in :1subject is200
Marks in :1subject is180
Marks in :1subject is190
Marks in :1subject is199
Marks in :1subject is200
Enter the usn:
```

```
Enter the usn:
2
Enter the name:
B
Enter the sem:
3
Enter the markes scored in 5 subjects
100
99
100
100
100
Enter the markes scored in 5 subjects
100
90
99
99
100
Usn: 2
Name: B
Sem: 3
The marks scored in 1subject is100
The marks scored in 2subject is99
The marks scored in 3subject is100
The marks scored in 4subject is100
The marks scored in 5subject is100
The marks scored in 1subject is100
The marks scored in 2subject is90
The marks scored in 3subject is99
The marks scored in 4subject is99
The marks scored in 5subject is100
Marks in :2subject is200
Marks in :2subject is189
Marks in :2subject is199
Marks in :2subject is199
Marks in :2subject is200
```