

20.11.20

Lab Program-6

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18M19CS194

```
package CIE;
import java.util.*;

public class personal
{
    public String name;
    public int semester;
    public String usn;
```

```
    public void read()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the name:");
        name = sc.next();
        System.out.println("Enter Semester:");
        semester = sc.nextInt();
        System.out.println("USN:");
        usn = sc.next();
    }
```

```
    public void display()
    {
        System.out.println("Student details");
        System.out.println("Name: " + name + "\n USN: " + usn + "\n semester: " + semester);
    }
```

```
package CIE;
import java.util.*;

public class internal extends personal
```

}

public double cie[];

public void accept()

{

cie = new double [5];

Scanner sc = new Scanner (System.in);

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

{

System.out.println ("CIE mark for course " + (i+1) + " : ");

cie [i] = sc.nextDouble();

}

}

}

package SEE;

import java.util.*;

import CIE.*;

public class external extends personal

{

public double see[];

public void get()

{

see = new double [5];

Scanner sc = new Scanner (System.in);

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

{

System.out.println ("SEE mark for course " + (i+1) + " : ");

see [i] = sc.nextDouble();

}

}

}


```
import CIE.*;  
import SEE.*;  
import java.util.*;
```

```
class Main  
{
```

```
    public static void main (String args[])
```

```
    {  
        Scanner sx = new Scanner (System.in);  
        System.out.println ("Enter the number of students");  
        int n = sx.nextInt();
```

```
        CIE .internals in [] = new CIE .internals [n];  
        SEE .externals en [] = new SEE .externals [n];  
        int i, j;
```

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

```
        {
```

```
            System.out.println ("Student " + (i+1));
```

```
            in [i] = new CIE .internals ();
```

```
            en [i] = new SEE .externals ();
```

```
            in [i].read ();
```

```
            System.out.println ("CIE MARKS:");
```

```
            in [i].accept ();
```

```
            System.out.println ("SEE MARKS:");
```

```
            en [i].get ();
```

```
            System.out.println ();
```

```
            in [i].display ();
```

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

```
            {  
                System.out.println ("Total Marks for course" + (j+1) + " : " + (in[i].cie [j]  
                + (en[i].see [j]/2)));  
            }  
        }
```