

LAB PROGRAM - 6

Package CIE;

import java.util.Scanner;

Public class Internals extends CIE - student

{

Public int ciem[] = new int[s];

Scanner xx = new Scanner(System.in);

Public void accept()

{

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

{

System.out.println ("Case enter the CIE marks of
subject" + (i+1) + "out of 50");

{

ciem[i] = xx.nextInt();

}

}

}

Package CIE;

Import java.util.Scanner;

Public class student

{

String name ush;

int sem;

Scanner xsc = new Scanner(System.in);

```
public void accept()
```

```
{
```

```
system.out.println("please enter the name:");
```

```
name = xx.nextLine();
```

```
system.out.println("please enter the usn:");
```

```
usn = xx.nextLine();
```

```
system.out.println("Enter semester:");
```

```
sem = xx.nextInt();
```

```
}
```

```
public void display()
```

```
{
```

```
system.out.println("Name: " + name);
```

```
system.out.println("usn: " + usn);
```

```
system.out.println("sem: " + sem);
```

```
}
```

```
package SEE;
```

```
import CIE;
```

```
import java.util.Scanner;
```

```
public class ExternalS() = new int[5];
```

```
Scanner xx = new Scanner(System.in)
```

```
public void accept()
```

```
{
```

```
for (int i = 0; i < s; i++)
```

```
{
```

```
system.out.println("please enter the SEE marks of  
subject "+ (i+1) + " out of 100");
```

```
{
```

```
sem[i] = xx.nextInt();
```

```
}
```

```
}
```

```
}
```

```
import CIE*
```

```
import SEE.*;
```

```
import java.util.*;
```

```
class Total marks
```

```
{
```

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

```
{
```

```
int i, j, h;
```

```
int total[] = new int[s];
```

```
Scanner xx = new Scanner(System.in);
```

```
System.out.println("please enter the number  
of students");
```

```
h = xx.nextInt();
```



```

CIE .students s[] = new CIE .student [n];
CIE .Internals ci[] = new CIE .Internal [n];
SEE .Externals se[] = new SEE .Externals [n];

for (i=0; i<n; i++)
{
    system.out.println ("Enter student " + (i+1) + " details");

    s[i] = new CIE .student ();
    s[i] = accept ();
    ci[i] = new CIE .Internals ();
    se[i] = new SEE .Externals ();
    se[i] = accept ();
}

for (i=0; i<n; i++)
{
    system.out.println ("details of student " + (i+1));
    s[i].display ();

    for (j=0; j<s; j++)
    {
        total (i) = ci[i].ciem (j) +
            (se[i].seem (j) * 1.5);
    }
    system.out.println ("Total marks in subject "
        + (i+1) + " is " + total (i));
}
}
}

```