Program-6

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```java
package CJE;
import java.util.*;
public class personal
{
    public String name;
    public int sem;
    public String usn;
    public void read()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("Name");
        name = sc.next();
        System.out.println("Semester");
        sem = sc.nextInt();
        System.out.println("USN");
        usn = sc.next();
    }
    public void display()
    {
        System.out.println("--The Student details are:--");
        System.out.println("Name: "+name+"\n USN: "+usn+"\nSem: "+sem);
    }
}


package CJE;
import java.util.*;
public class internals extends personal
{
    public double cie[];
```

```java
public void accept()
{
    cie = new double[5];
    Scanner sc = new Scanner(System.in);
    for(int i=0; i<5; i++)
    {
        System.out.println("enter CIE marks
        for course "+(i+1)+":");
        cie[i] = sc.nextDouble();
    }
}
```

```java
package SEE;
import java.util.*;
import CIE.*;
public class externals 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("Enter the SEE
            mark for course "+(i+1)+":");
        }
    }
}
```

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

classmate

```java
class marks
{
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].read();
  System.out.println ("CO CIE:");
  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)));
  }
  }
}
```