```java
package CIE;
import java.util.Scanner;
public class Internals extends CIE.Student
{
    public int ciem[] = new int[5];
    Scanner xx = new Scanner(System.in);
    public void accept()
    {
        for(int i=0; i<5; i++)
        {
            System.out.println("Enter the cie
            marks of subject" + (i+1) + "out of 50");
            {
                ciem[i] = xx.nextInt();
            }
        }
    }
}
```

①

```java
package SEE;
import CIE.*;
import java.util.Scanner;
public class Externals extends CIE.Student-
{
    public int seem[] = new int [5];
    Scanner xx = new Scanner (System.in);
    public void accept
    {
        for ( int i =0; i < 5 ; i++)
        {
            System.out.println ("Enter the see
            marks of subject" + (i+1) + "out of 100");
            {
                seem[i]=xx.nextInt();
            }
        }
    }
}
```

```java
package CIE;
import java.util.Scanner;
public class Student
{
    String name, usn;
    int sem;
    Scanner xx = new Scanner(System.in);
    public void accept()
    {
        System.out.println("Enter name:");
        name = xx.nextline();
        System.out.println("Enter usn:");
        usn = xx.next();
        System.out.println("Enter sem:");
        sem = xx.nextInt();
    }

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

```java
import CIE.*;
import SEE.*;
import java.util.*;
class TotalMarks
{
    public static void main (String sss [])
    {
        int i, j, m;
        int total [] = new int [5];
        Scanner xx = new Scanner (System.in);
        System.out.println ("Enter the number
        of students");
        m = xx.nextInt ();
        CIE.Student s[] = new CIE.Student [m];
        CIE.Internals ci [] = new CIE.Internals [m];
        SEE.Externals se [] = new SEE.Externals [m];
        for (i=0; i<m; i++)
        {
            System.out.println ("ENTER STUDENT"+ (i+1)
            + "DETAILS");
            s[i] = new CIE.Student ();
            s[i].accept ();
            ci[i] = new CIE.Internals ();
            ci[i].accept ();
            se [i] = new SEE.Externals ();
            se [i].accept ();
        }
    }
```

④

```java
for (i=0; i<m; i++)
{
    System.out.println ("DETAILS OF STUDENT"
    +(i+1));
    s[i].display();
    for (j=0; j<5; j++)
    {
        total [j] = ci[i].ciem [j]
                    + (su[i].seem [j] /2);
        System.out.println ("Total marks in
        subject "+ (j+1) + " is " + total [j]);
    }
}
}
```

⑤