

Inherit1.java

```
import java.util.Scanner;
class students
{
    String name;
    String usn;
    int sem;
}
class Test extends student
{
    int cte[];
    int credits[];
}
class Exam extends Test
{
    int see[];
    int i, n;
    void get data()
    {
        Scanner s = new Scanner(System.in);
        System.out.println("enter name");
        name = s.next();
        System.out.println("Enter usn");
        usn = s.next();
    }
}
```

```
System.out.println("Enter number of subjects :");  
n = s.nextInt();  
for(i=0; i<n; i++)  
{  
    System.out.println("Enter cie marks in sub "+ (i+1));  
    cie[i] = s.nextInt();  
    System.out.println("Enter credits in sub "+ (i+1));  
    Credits[i] = s.nextInt();  
    System.out.println("Enter see marks in sub "+ (i+1));  
    See[i] = s.nextInt();  
}  
}
```

```
void display()  
{  
    System.out.println("Name: "+name);  
    System.out.println("USN: "+usn);  
    System.out.println("SEM: "+sem);  
    for(i=0; i<n; i++)  
    {  
        System.out.println("Cie marks: "+ cie[i]);  
        System.out.println("Credits: "+ credits[i]);  
        System.out.println("SEEMarks: "+ see[i]);  
    }  
}
```

class MarksInher

{

public static void main (String [] args)

{

int i;

Scanner s1 = new Scanner (System.in);

System.out.println ("Enter number of students ");

int m = s1.nextInt();

Exam e[] = new Exam [m];

System.out.println ("Enter the details of the students :");

for (i=0; i<m; i++)

{

System.out.println ("Enter the details of the " + (i+1) + " student

e[i] = new Exam();

e[i].getData();

}

System.out.println ("The details of the students are : ");

for (i=0; i<m; i++)

{

System.out.println ("The details of the " + (i+1) + " student is : ");

System.out.println (e[i]);

}

}

}