Inheritance Student :-

```java
import java.util.scanner;

class student
{
string name;
string usn;
int sem;
}

class test extends student
{
int cie[];
int credits[];
}

int see[];
int i,n;
void getData()
{
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 sem");
sem= s.nextInt();
System.out.println ("enter number of subjects: ");
n=s.nextInt();
for (i=0;i<n;i++)
{
```

```java
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("SEE marks: " + see[i]);
}
}
}

class MarksInher
{
Public static void main(String[] args)
{
int j;
Scanner s1 = new Scanner(System.in);
System.out.println("Enter number of students");
int m = s1.next();
Exam e[] = new exam(m);
```

```java
system.out.println ("Enter the details of the student:");

for ( j=0; j<m; j++)
{
    system.out.println ("Enter the details of the "+ (j+1)+" student
    e[j] = new exam();
    e[j] = getData();
}

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

for ( j=0; j<m; j++)
{
    system.out.println ("The details of the "+ (j+1)+" student is:
    system.out.println(e[j]);
}
}
}
```