6	IV	Create a package CIE which has two classes- Student and Internals. The class Personal has members like usn, name, sem. The class internals has an array that
		stores the internal marks scored in five courses of the current semester of the student. Create another package SEE which has the class External which is a derived class of Student. This class has an array that stores the SEE marks scored in five courses of the current semester of the student. Import the two packages in
		a file that declares the final marks of n students in all five courses.

	PROG7R17-6
	Student java
	package CEE;
	public class Studies 5
	public String USD;
	Dalbic String Dame;
	public string name; public string name;
	poblic mosom;
+	public Study C183
\parallel	public Student Estring aspy String name, in Seam?
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-	this same = man;
	This . Som > Som;
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	Packge CZF;
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	polore clos Enternes coxtords Starding &
	PODIC COS CONSTRUCTION CONTRACTOR
╟	8 conver in - Non Scourse (System ion);
	pobicients? Cie=nw ient(5);
-	Public void gets
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	System out print me" Forth CE mosts in Subject
	" + (i+1) + "Court of 5 07 of the Guard Somoth !");
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	package SEE;			
	invant java etil sconno;			
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	Public Extornes (String uso, String name pint Some)			
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	Poblic int (3 see = new int (5);			
	Public Vorce get ()			
	ESgebon out print ("In")			
	gos (not i=0; i<5; 1+1) &			
	Exerne out print C'Entathe SEE makes ion Scylinger			
	" + Ci+1) + " Coia of (00) of the Somete: ")	333	<u>. </u>	
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i	mport CIE.			
_ _	import SEE. a.	*		*
	import javo otal . +;		,	
	Class fonal make &			
P	oblics take void main (String and 2))			
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	chos Cirti=0; i <n; i+t);<="" td=""><td>30)</td><td></td><td></td></n;>	30)		
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	ON ON ON		
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	ab(i) = aet ().	2	
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	86 1517 - get (); 3		
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	aslen not print in C'STUDEN I NUTIBER +	itilly	
	System out print (on ("SOBJECT"+(3+1)+"TOTAL	1	11
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	3		
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```
Student java - Notepad
File Edit Format View Help
package CIE;
public class Student {
public String usn;
public String name;
public int sem;
public Student(){}
public Student(String usn, String name, int sem)
this.usn-usn;
this.name=name;
this.sem=sem;
```

```
Internals.java - Notepad
File Edit Format View Help
package CIE;
import java.util.Scanner;
public class Internals extends Student {
Scanner in=new Scanner(System.in);
public int[] cie=new int[5];
public void get()
for(int i=0;i<5;i++){
System.out.print("Enter CIE marks in subject "+(i+1)+"(out of 50) of the current semester : ");
cie[i]=in.nextInt();
}}}
```

```
File Edit Format View Help
package SEE;
import java.util.Scanner;
public class Externals extends CIE.Student {
public Externals(String usn, String name, int sem)
super(usn, name, sem);
Scanner in = new Scanner(System.in);
public int[] see=new int[5];
public void get()
System.out.print("\n");
for(int i=0;i<5;i++){
System.out.print("Enter the SEE marks in subject "+(i+1)+"(out of 100) of this semester : ");
see[i]=in.nextInt();
```

Externals.java - Notepad

```
File Edit Format View Help
import CIE.*;
import SEE.*;
import java.util.*;
class finalmarks(
public static void main(String args[])
Scanner in=new Scanner(System.in);
System.out.println("Enter the number of students:");
int n=in.nextInt():
SEE.Externals ob1[]=new SEE.Externals[5];
CIE.Internals ob[]=new CIE.Internals[5];
for(int i=0;i<n;i++)
System.out.println("Enter the details of student number "+(i+1));
System.out.print("USN:");
String usn=in.next();
System.out.print("NAME:");
String name=in.next();
System.out.print("SEMESTER:");
int sem=in.nextInt();
ob[i]=new CIE.Internals();
ob[i].get();
obl[i]=new SEE.Externals(usn,name,sem);
ob1[i].get();
for(int i=0;i<n;i++){
System.out.println("STUDENT NUMBER "+(i+1));
for(int j=0;j<5;j\leftrightarrow){
System.out.println("SUBJECT "+(j+1)+"TOTAL MARKS: "+(ob[i].cie[j]+ob1[i].see[j]/2));
```

finalmarks.java - Notepad