## Lab Program 8:

Q) 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.

## **CODE SNIPPET:**

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	package CIE;				
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	public class integrals extends student				
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	public double avancie [ ] = new double[5];				
	public void setal()				
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	System-out parintln ("Enter make for & Subjects");  Scanner 15 = new Scanner (System-in);				
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		Package SEE;
		imposit CIE. internals;
		import jana. util. k.,
		(C) mondrous man
	4/1	public class someonal graterials internal
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		public double assurect ] = new double[s];
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		Systemat. pointin ("Enter mores for 5 Subjects for SEE:")
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	for (int i=0; ics; i+1)
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1	imposit java. util. +.
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	lass Main
1 5	
-	public static void main(storing xCES)
-	(
	System. o.el. posintln (" Enter no of students: ");
	Scanner 15 = new Scanner (System. in);
	int n'
	double fine ] = new double [5]
	U=28-164(1)
	external e1c3 = new external (n3;
	for lint i=o; izn; itt )
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	.e1(:3 = new external()
	CARONIO ( )
	e1c; 3-setinfo();

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Forioday		e1(i].set();
		e1Ei7. finalmoone();
		elli3. dispt();
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	}	

## **OUTPUT:**

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C:\Users\Anagha\Desktop\1BM21CS022>java Main
Enter no of students :
Enter usn, name, sem:
1BM21CS022 Anagha 3
Enter marks for 5 subjects :
45
48
49
43
47
Enter marks for 5 subjects for SEE :
49
48
45
46
FINAL MARKS IS :
94.0
97.0
97.0
88.0
93.0
```

```
Enter usn, name, sem:
1BM21CS001 Sneha 3
Enter marks for 5 subjects :
45
48
42
49
47
Enter marks for 5 subjects for SEE :
45
46
47
48
FINAL MARKS IS :
88.0
93.0
88.0
96.0
95.0
```