LAB-07

- a) Greate a package talled Mathe having a dark called number (add and Subtract) method. Implement a bumple dark mathe dark mathe dark mathe (auticle package mathe) that maker use of dark which is provided by mathe.
 - (a) Create a package CIE which has two classes student and Internals. The class student has members like USIV, name, bein the class Enternale derived from student has an array-that stores the internal marks scored in 5 Courses of the current Semester of the Student

but another package SEE which has the class external which is derived class of Student. This class has an array that Stores the SEE marks scored in 5 courses of the current Semister of the Student. Import the two package in a file that dictary the final marks of medical in a file

Student Jona Package CIE; import jara Ulil Scann public void inful Student Details "Ente Name

Minternal java.

packagi CIE;

improvil Java util . Scanner; Public class internals extends Shudink perclicted int marks []: new int[5]; public void infect CIE mooks () { Scanner SC = new Scanner (System. in);
System. Oed. println ("Enter anternal
morky Jor:" + name); Jos (int 2:0; 225; 2++) System. Out. println ["Subject" + (i+i)+
"marks:");
marks [i] = 5c. mext Ent ();

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	Il esclural jara
	Package SEE;
	. O. of COT internals:
	import jara . ulil . Scarmes;
	import jara (dil scames)
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	outlie alow portunal extende inte
	public clau exturnal external internale
	protected int marke []; protected int final marks [];
	peraliation inte limate marker [];
	pocueta on goras mos
V 36. 3	public external () { marks = mus int[5]; first marks - mus int[5]; ?
	maybe a must intest;
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	- tiral moders - and intest;
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	Diffi and in the SCE - mark (DC
	public void infrut SEE moorks () {
	Scanner Sc. new Scanner (System.in); System. out. println ("Enter SEE marks" + nam); - for (int i=0; il5; i++)
	System out println(" Enter SEE" marks"
	+ mam);
	Confirmation of the second
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	11 3
	System out println ("Subject" + (i+1)+
	may less ");
1	System. out. println ("Subject" + (i+)+ "marks:"); marks[i] 2 Sc. nest Ent(); 3
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public void Calculate Final marks () {
for (int i=0; i(5; i++)
final marks [i] = marks [i] /2
+ Super morter [i];

public roich duflagfiral Marke ()

disflayStudent Details (); for (int i=0; i(8; i++)

System. old. println ("Subject:" + (i+1) +":" + Linal Marks (i);

Il final marker fara

import SEE external;

public class finalmarks?

Public Static void main (Slowing agess)

int numofstudinte = 2; internal final Marks E] = mui

atimal (muma)

for (int i=0; it num of Studenti; it) finalmarke EiJ: muis external (): final morker [i] imput Student Delails System out printent SEEmorks System out println (" Piflaying data : \m) for Lint i -0; it mumof Students final marks [i]. Calculate final marks (), final marks (i). display final marks ();

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	Enter USN: 12
	Enter name: Shall
	Enter Sum: 3
	Call Cit mains
	Enter Enternal marks for Shore
-	Subject I marks: 11
	Cubuch 2 marks 22
	Church 3 mordes: 33
	Subject 4 marks. 12
	Subject 5 mordes: 23
-	E. F. & SEE marks for object
	cuberet 1 marks' 90
	Subject - marks! 91
	Chief & morks' 92
-	Church 4 mostes 93
_	Subject 5 morks: 94
	Enter USN: 63
	Enter maml Varna
	Enter Sim: 3
	Enter Cat marker
	Frater anternal movies for voura
_	Subject 1 marks: 25
	Subject 2 mortes: 24
	Subject 3 marks: 40
	Subject 4 marks: 38
	Subject 5 marks: 23

Enter SEE morks for vorna: Subject 1 morks 186 2 marks 81 Subject morks! 89 marks, 8390 Duflaying data: USN: 13 Mame: Shoul Simules : 3 USN : 63