Week - 9 tool File structure -> Main . falsa Student Jana - Internals fava > Student - jana - External java nackage CIE; public + Student { public + norre, usn; public int sem; Internals. java package CIE; import jana. util. Scanner public class Interals { double interal Marks[] = new double [5]; Scanner sc = sc-meat Doubte(); public usid set Marks () { Scanner (System.cin); for (int i=0; i & sinteral Mar de length; i++) 5 system. out. println ("Enter Internal Marko (50) of Subject " + (i+1) + "; ") interal Marks [i] = sc. neat Double ();

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pullic word get Marks () &
      System out println ("Interals Marks out of s.
      for Cint i=0; i < interal Marks. length; i++);
            System out println(" Subject "+(i+1), )
public double get Marks by Index (int index) {
return interal marks [index];
}
Extends Externals. Java
 package SEE;
 import CIE. Student;
 import java - util - Sconner
public class Exteralis extends Student {
     double [] extend Marks = new double [5];
     Sconner &c = se new Scanner (System.in);
     P70
```

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public used set Details 129
       System. out. println (" Enter name: ");
       name = sc. next Line();
      System. out. println ("Enter USN: ");
      vsn = sc. neat line ();
      System.out.println("Entersem: ");
      sem = sc. nex Int();
public word set Marks () {
         for (inti=6; i < external Marks. length; i+1) {
        System. out. println ("Enter Exteral Marks
        (100) of Subject " + (+1) + ": ");
        external Marks [i] = Sc. next Daulle ()/2;
public used get Details () 5
      System. out. println ("Nance: "+ nome + "USN: "+US1
                            + "Semester: "+sem).
pathi c
 PTO
```

Scanned with CamScanner

public unid get marks () { System. alt. println (" External mark alt of (50): "); for (int i=0; i cexternal Marks. length; in System. alt-println(" Subject" + (i+1) + exteral Marks [i]); public no double get Marks by Index (Index); return external Marks [Index]; -> Main - jaua import faux atil. Scanner; import CIE. Interals; import SEE. Externals; no public class Main { public otatic vaid main (string args[]) Sconner sc= new Sconner (Systemin); System. out. prinkln ("Enter number of students:");

```
n = sc. neat Int ();
Interals () cie = new Internals [n];
 Externals[] see = new Endernals[n];
 for (inti=0; i < see length; i+1) }
   System. out. print ("Enter Details of Student
           + (+1) + ": ");
    See [i] = new Externals();
   Sce (i). g set Details ();
  System. out. println ("Enter Interal Marks"+(1+1)+
  cie [] = new Internals ();
   Ciz [i] & . set Marks ();
  System. out. println ("Enter external marks of
      student " +(i+1) + "! ");
  See [i]. Set Marks ();
```

```
for (inti=0; is see length; i++) ;
   System. out println (" Details of Stadutt);
    see [i]. get Defails();
  System out println ("Internal Marks of Show
  secticie. gdMarks();
 System out. println ("External Mards:");
   See. get Marks ();
 System.out.println("Final Marks))),
for ( girtl = 0; j < 85; 1++) }.
  System.out. prinkln (" Subject" + Gf+1) + ">> "+
         (cie [:]: get marks by Index(g) + see [i]. get
          Marks By Index(g));
  Septem out. println("- -- -
Sc. close ();
```