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1BM21CS247

WEEK 9

SOURCE CODE:

package CIE;

import java.util.Scanner;

public class Internals

{

public int Imarks[]= new int[5];

public void getmi()

{

Scanner ss=new Scanner(System.in);

System.out.println("Enter marks scored in 5 courses:");

for(int i=0; i<=4; i++)

{ Imarks[i]=ss.nextInt(); }

}

public void dispmi()

{

System.out.println("INTERNAL MARKS");

for(int i=0; i<=4; i++)

{ System.out.println("Subject"+i+"="+Imarks[i]); }

}

}

package SEE;

import java.util.Scanner;

import CIE.\*;

public class External extends CIE.Internals

{

int Smarks[]= new int[5];

public void getm()

{

Scanner ss=new Scanner(System.in);

System.out.println("Enter external marks scored in 5 courses:");

for(int i=0; i<=4; i++)

{ Smarks[i]=ss.nextInt(); }

}

public void dispm()

{

System.out.println("EXTERNAL MARKS");

for(int i=0; i<=4; i++)

{ System.out.println("Subject"+i+"="+Smarks[i]); }

}

public void finalcal()

{

int Final[]=new int[5];

for(int j=0; j<=4; j++)

{ Final[j]=Imarks[j]+(Smarks[j]/2); }

System.out.println("FINAL MARKS");

for(int i=0; i<=4; i++)

{ System.out.println("Subject"+i+"="+Final[i]); }

}

}

package CIE;

import java.util.Scanner;

public class Student

{

public String usn, name;

public int sem;

public void getd()

{

Scanner s=new Scanner(System.in);

System.out.println("Enter USN, NAME & SEM");

usn=s.next();

name=s.next();

sem= s.nextInt();

}

public void disp()

{

System.out.println("\nStudent Details:\nUSN:"+usn+"\nNAME:"+name

+"\nSEM:"+sem);

}

}

import CIE.\*;

import SEE.\*;

class P\_main

{ public static void main(String arg[])

{

Student s1= new Student();

s1.getd();s1.disp();

External e1=new External();

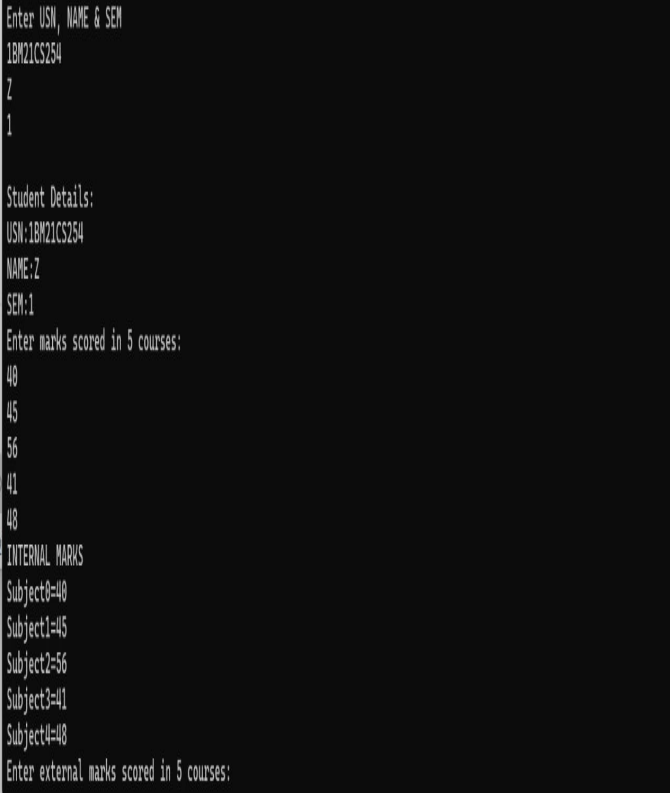
e1.getmi(); e1.dispmi(); e1.getm();

e1.dispm();e1.finalcal();

}

}

Output:



Text

Description automatically generated