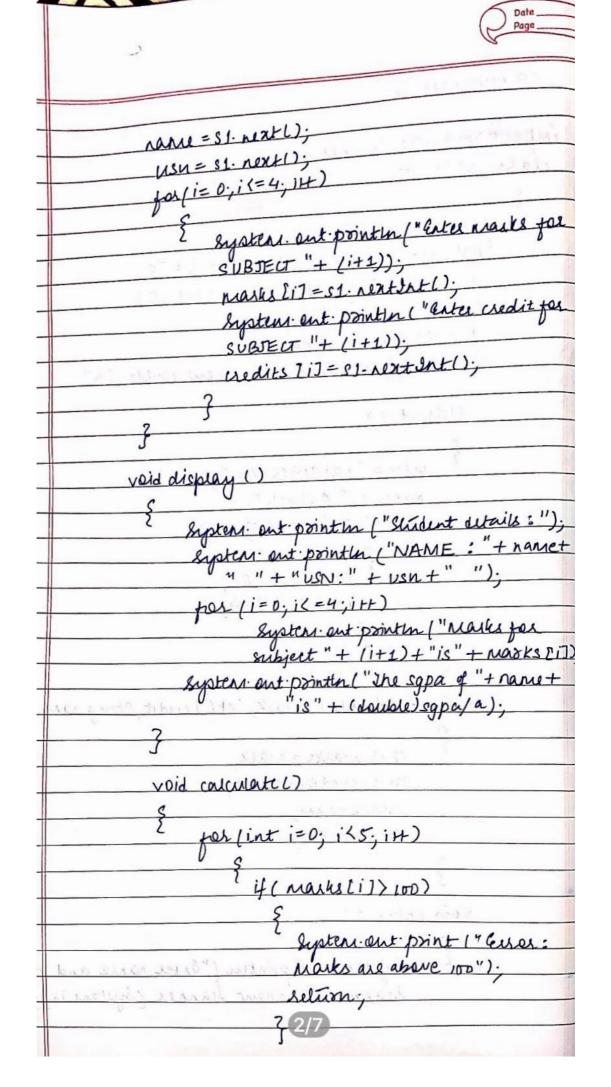
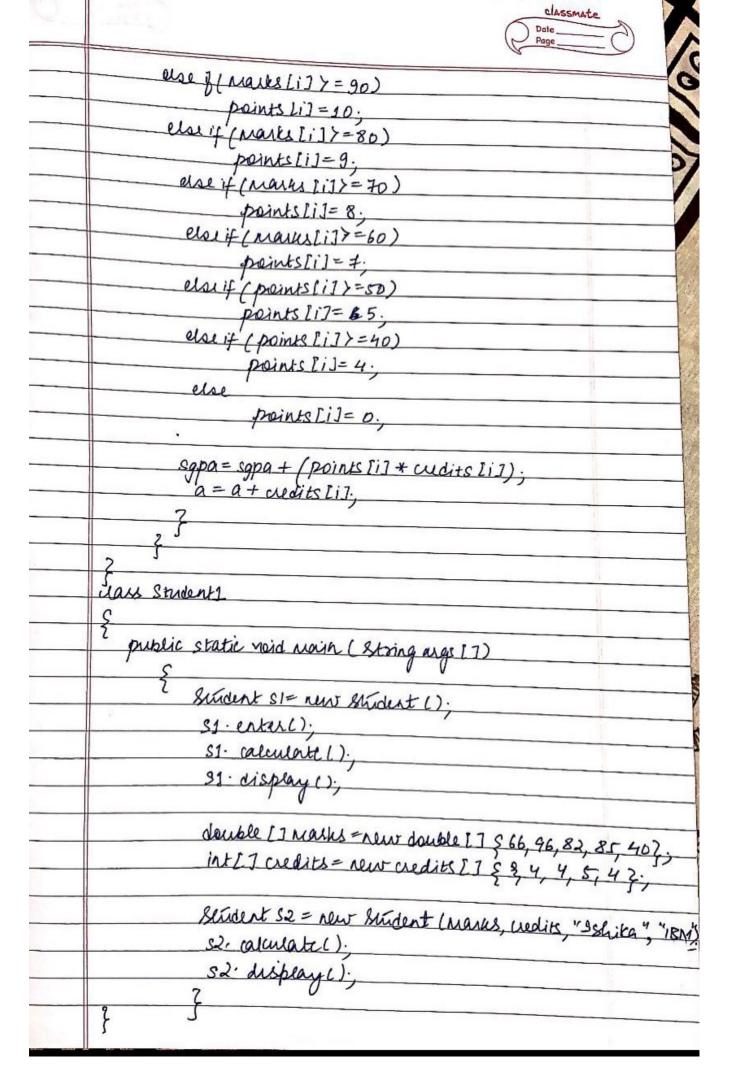


1	LAB PROGRAM 2
	China va
	import java-util Sanner;
	class Student
1	\{\bar{\}\}
	private intia
\ <u> </u>	pervate the cledits []=nout int [=7.
_	porvale int point 17 = April int 5 = 2
\	Dovate Stong name were
_	private double gapa.
88	private double nacks []= new double [5].
	Marks E JE New double 151.
	Student ()
1	2 nsn = "1BM19CS 001"; which was
	name = " Aakash".
	for [int i=0; i(5; i+)
	Shank +" = Phanks Saltaine + a santain
	1 marks[i7= 80.
	redits [i]=4.
	AND A THAT I'M AND THE COURT OF
	Carrent 2 Level + 1 + 1 + 1 + 1 + 1 + 1
	trace " h seed off " I alter a many a trace
1	Student (double [] mark, int [] credit, String ram, Stringus
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	this masks = malk,
	this credits = credit;
	rame = ram;
	as usu=us;
1	2
	Chara Laboratora 15 A
	void enter ()
_	The state of the s
/-	Eusten ent pointin / "Enter rance and USN").
/-	System ent point in ("Enter rance and USN"); Scanner SI = new Scanner (System in);





```
S:\bin\Programs>java Student1
enter the name and usn of the student
Hriday 1bm19cs098
enter marks for SUBJECT1
78
enter credit of SUBJECT1
3
enter marks for SUBJECT2
96
enter credit of SUBJECT2
4
enter marks for SUBJECT3
85
enter credit of SUBJECT3
4
enter marks for SUBJECT3
67
enter marks for SUBJECT4
67
enter marks for SUBJECT4
67
enter marks for SUBJECT4
58
enter credit of SUBJECT5
82
enter credit of SUBJECT5
83
enter credit of SUBJECT5
85
Student details:
NAPE:Hriday USN:1bm19cs098
marks for subject 1is 78.0
marks for subject 1is 78.0
marks for subject 4is 67.0
marks for subject 4is 67.0
marks for subject 5is 85.0
marks for subject 5is 85.0
marks for subject 1is 66.0
marks for subject 1is 66.0
marks for subject 1is 66.0
marks for subject 1is 88.0
marks for subject 1is 88.0
marks for subject 5is 78.0
The sgpa of Ishika Singhalis7.8
```

	WIEEK 3
	LAB PROGRAM WEEK 3
	LABITATION
	import java-ukil. Scarrer
	class Book
	E string author, rance;
	int no,
	,
	alice rarely int no, double so
	Book (String author, String rand, int no, double pi
	Control of the state of the sta
	mis. author= author;
	this name=name;
	This hard
	ms. no=no;
	mis. price = price;
	}
	The second of th
	B004()
	\$?
	and the second of the second o
-1 -	void getaletails ()
	System out pointin ("antes me details of the book"); setaltails ();
	book"); setoletails();
	5
	A Wind This start along the
	void setaletails ()
	£
	8 canney Stanous Claring
	Scanney SC= New Scanney (); Systemin);
	author=Sc. nextrine();
	DATUE ACCORDED TO
Mary 20	
4 23 10	price = sc.nextRouble().
	2 scripthousle().
	Clarify Control of the Control of th
	A CONTRACTOR OF THE PARTY OF TH

	public string tostring ()
	E geltion ("Author: "+ author +
	"Name: "+ name+
	"No of peace: "+ no +
	"No of pages: "+ no + " Price: "+ price);
	7-
	3
	public lass bookmains &
_	}
_	public State void main (String args [.1)
_	
_	Book b= New Book ().
_	BOOK b2 = New BOOK (" Ah. " " "
_	Scenner x = new Scanner (System in);
_	System out Dointe ("Care "Care
	int n = 2. next Int ().
_	Book 61=[]= new Book [n].
	for (inti=0; iKn; iH)
	(Color of Thi, 14)
	l h.Γ:2
	bi [i] = new Book ();
	OILIJ= get Detailes ().
	3 loyste
	for(i=0;i <n;i+)< td=""></n;i+)<>
	\$
-	System out pointin (b1[i]);
_	2 Portar (olch);
	}
_	7

G:\bin\Programs>java bookMains
Enter the number of books

2
enter the name of the book, author of the book, price of the book and the number of pages
abc

XYZ

458

160
enter the name of the book, author of the book, price of the book and the number of pages
abc

Enter the name of the book, author of the book, price of the book and the number of pages
abc

Enter the name of the book, author of the book, price of the book and the number of pages
abc

Enter the name of the book, author of the book, price of the book and the number of pages
abc

Enter the name of the book, author of the book, price of the book and the number of pages
abc

Enter the name of the book, author of the book, price of the book and the number of pages
abc

Enter the name of the book, author of the book, price of the book and the number of pages
abc

Enter the name of the book, author of the book, price of the book and the number of pages
abc

Enter the name of the book, author of the book, price of the book and the number of pages
abc

Enter the name of the book, author of the book, price of the book and the number of pages
abc

Enter the name of the book, author of the book, price of the book and the number of pages
abc

Enter the name of the book, author of the book, price of the book and the number of pages
abc

Enter the name of the book, author of the book, price of the book and the number of pages

Enter the name of the book, author of the book, price of the book and the number of pages

Enter the name of the book, author of the book, price of the book and the number of pages

Enter the name of the book, author of the book, price of the book and the number of pages

Enter the name of the book and the number of pages

Enter the name of the book, author of the book, price of the book and the number of pages

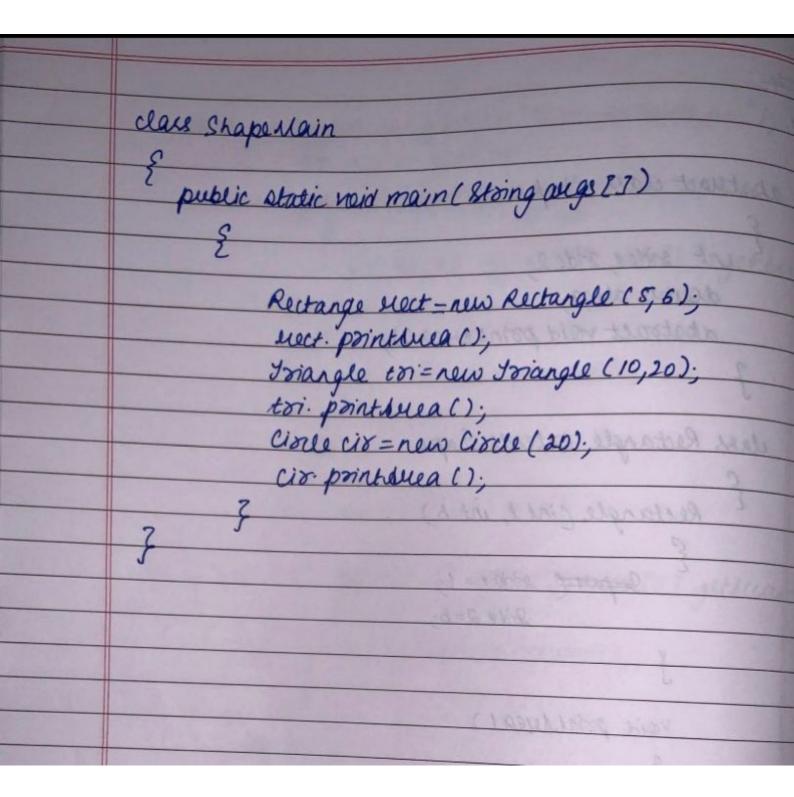
Enter the name of the book, author of the book, price of the book and the number of pages

Enter the name of the book, author of the book, price of the book and the number of pages

Enter the name of the book and the number of pag

G:\bin\Programs>javac bookMains.java

```
WEEK 4.
LAB 4.
      abstract class shape
          int sides, side 2;
            double acrea;
           abstract void point weal).
               void printageal)
                   auea = 8ide 1 + 8ide2.
                  System out pointly (" Auga of rectingle is: " + area);
       class Errcle extends shape
            Circle (int 4)
               slide 1 = 4;
            vola printereal)
                  acrea = 3.14 & side 1 * side 1;
                  Syptem out pointin (" drea of circle is: " + area);
```



Microsoft Windows [Version 10.0.18362.959]
(c) 2019 Microsoft Corporation. All rights reserved.

G:\bin\Programs>javac Shapemain.java
'javac' is not recognized as an internal or external command,
operable program or batch file.

G:\bin\Programs>set path="g:/bin"

G:\bin\Programs>javac Shapemain.java

G:\bin\Programs>javac Shapemain
Error: Could not find or load main class Shapemain
Gi\bin\Programs>java Shapemain
The area of the Rectagle is: 30.0

The Area of the triangle is: 20.0

```
import java ndil Scanner;
  Scarrer sc=new Scarrer (Systemin);
String acc-rance;
  String acc_no,
                     ABRELLE BRINKS
  int acc lype;
double balance;
    noid Create Account()
        System out pointhu ("anter the details of new acceunt");
        System out pointly "Name:");
     acc_name=sc-next();
         System out point ("Account no: ").
          acc_no=sc. next ().
         if (acc_type ====1)
           Egistem out pointin ("Enter deposit value");
```

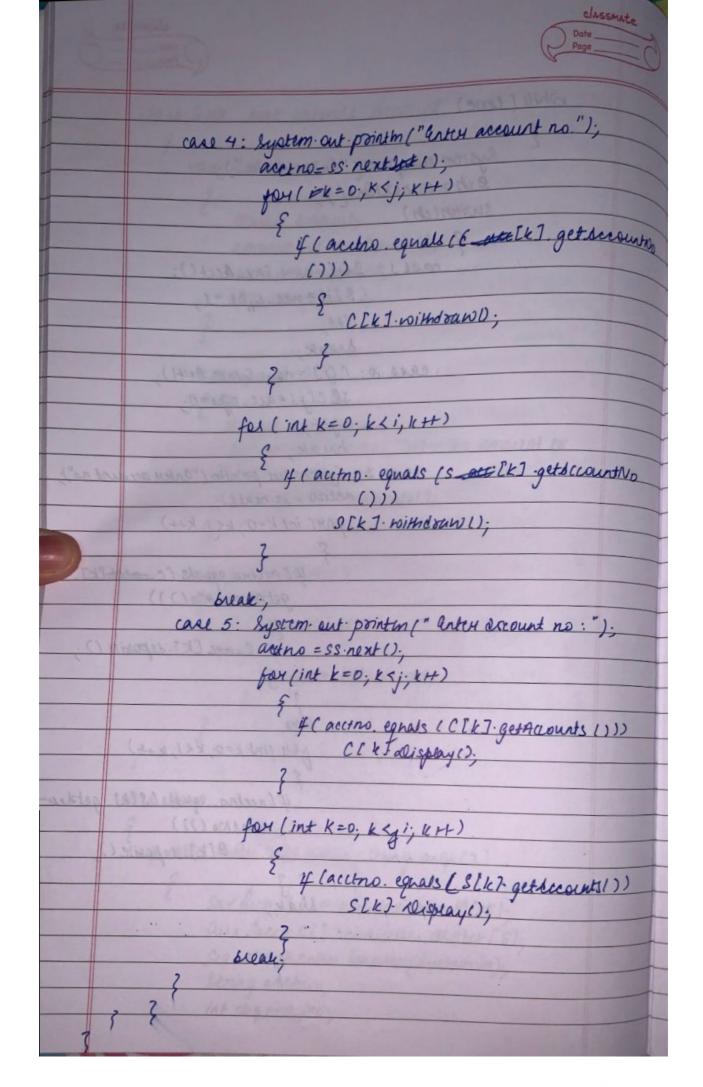
```
else
         System: ent. printer ("Enter deposit value (morethan 5000)", salance = 80: nexten ouble();
System out point(n(acc_name);

System out point(n(acc_name);

System out point(n(acc_na);
      system out pointin/ balance);
 class Sav aux extends account
             decuble amount;
             System out pointly " Amount to be withdrawn").
             amount = SS. next Double().
             balance = - amount;
        void deposite ()
             double amount, interest;
             System out pointly ("lenter amount to be deposited");
              ammount = sc. next Double ();
              balance += amount;
               intocest = balance + 0.01;
```

```
class aux suct extends secount
       void neithdraw ()
            double amount;
            amount = sc. next Double ();
            balance = - smourt;
            perally heck();
       void deposite()
           System out pointln ( "antor the amount to
           double smourt
                be deposited");
           amount = Sc nextDouble();
      noid penetty check ()
           f (balance (5000)
               balance = balance +00;
class Bank
   public static roid main ( string angs (3)
        Sax But SIJ = new sav_ acut @ [05];
         aux facet C[] = new aux a Atat [5];
         Scanner & = new Scanner (Systemin).
String arctio.
         int chg 1=0,j=0.
```

	while (taue)
1	g in serious distributions and the medical serious and the ser
1	2 System ent point ("Enter choice");
1	ech = ss.nextInt().
1	switch(ch)
- Walt	Later Palence & stomps and see 13
1	case 1: SCiJ = new Say_Acct();
1	S [i] = ucc-type = 1.
-	Consectation 193 itt;
	break;
	case 2: Cfj] = new Curr_Acut[);
	SBC[j]=acc-type=0;
	(49) A D jtt, Mill AND
	break:
a Vita	case 3: System eut pointin ("Enter account no");
	actno = ss.next();
	fox(int k=0; k< j; k++)
	5
	4 (acctno. egnals (c-acct-[k].
	get Accourmo()))
-0	The second secon
	C-ass CKJ. seposite ();
	(444 454 0=4 4m) 42
	}
ca	Have notes (1979) states out to the
	gay (int k=0, K×1; k+1)
	if Cacetro. equals (S[k]. getder-
	ount No ()))
	3[k].deposite();
COM	2 Il Carlona, course & State assessing
	brak;
	SANDONE DEPENDENCE OF THE PROPERTY OF THE PROP
	ALGAGE TO THE PARTY OF THE PART



This Account is a Current Account.

Arising: A minimum of 5800 balance must be maintained

2.7 failed, a penalty of Ro.180 will be imposed.

Enter the Acount to be withdrawn:

2.80

The balance is less than 5800 a penalty of Ro.100 is imposed.

Melcome to the bank.

Increase a Savings Account

1: Create a Savings Account

3: Deposite

4: Nithdraw

5:Dispaly Balance

Enter the account beneficially account

1: Create a Savings Account

1: Nithdraw

5:Dispaly Balance

Enter the account beneficial account

8: Deposite

4: Nithdraw

1: Create a Savings Account

1: Create a Savings Account

1: Create a Savings Account

2: Create a Current Account

3: Deposite

4: Nithdraw

5: Dispaly Balance

Enter the action to be performed:

1: Create a Savings Account

2: Create a Current Account

3: Deposite

4: Nithdraw

5: Dispaly Balance

Enter the action to be performed:

1: Create a Savings Account

3: Deposite

4: Nithdraw

5: Dispaly Balance

Enter the account number:

46

The Account Number: 45

Account Type: Current Account

8alance: 1800.0

Malcone to the bank.

Sinkin/Programs/savs Bank
Walcome to the bank.

Enter the action to be performed:

1: Create a Savings Account

2: Create a Savings Account

3: Deposite

4: Withdraw

5: Obspaice

1: Withdraw

5: Obspaice

1: Withdraw

5: Obspaice

1: Withdraw

5: Obspaice

1: Withdraw

6: With

G:\bin\Programs>jevac Benk.java

```
ter the action to be performed:
Create a Savings Account
Create a Current Account
Deposite
Hithdraw
Display Balance
ter your choice: 5
ter the account number:

Account Details are given as follows:
ter Inlika
Dount Number: 233
Dount Number: 233
Dount Number: 334
Dount Number: 345
D
```