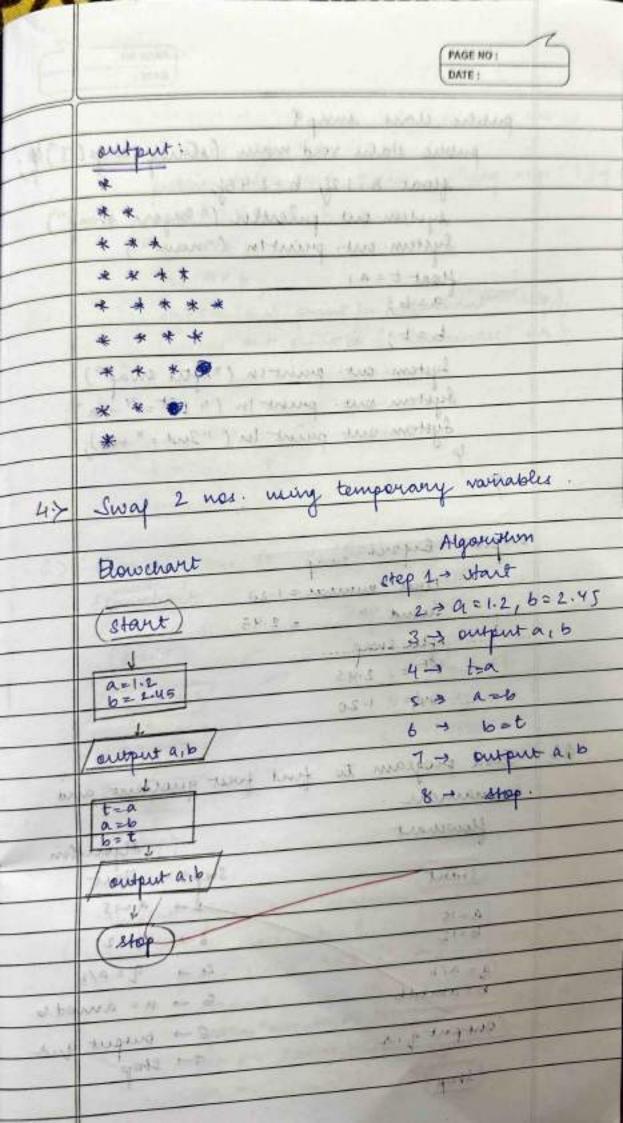
PAGE NO : to point an integer. Java peregram 0 Algarithm. Flowchart. 2 - madu Start I → output n 4 → stop. / Read n/ output import java. util. ecanner; public class helloworld; public static void main (etring arg []) scanner read = new ocanner (system in system out printly ("Enter a no"). int num = read next Int () Bystem - out print in ("You entered" + num), You entered 6.

	PAGE NO: DATE:
0	Java program to check whether a num is
-	even or odd
	Algorithm:
	step 1: start
	2: read n
	S: if (nmod 2=0) 11/10 1/19/10
	output in it odd
	else more min
	autput n in even
ouThe.	- was 42 stop many at managing and KE
1	Flowchartson
	Oban to a second and a second a
	State Mark
	mad n/
- 15 9	a series of the
	nmod 2 =0 - odd - 100 101 102 000
	nunod 2 =0 odd /-
	To the treating
	/ n is /
,	CHOP THE MANUAL MANUAL MANUAL
(0)	
	the contract of the contract o
	import java util-scanner;
	public etatic void marin (string arg []);
	inta;
	Syrrem.out.printle ("enterno.");
	scanner in = og new scanner (system in)
	n= in. nent Ent ():

PAGE NO: DATE if (num'/ 2 = = 0) system out printle ("" ""even"); system.out. puintle (n+" odd"); NAME OF TAX a hold of output: enter a number property in an english 3100 & is even. make he is higher 3> Java program to print right star Algorithm (3 tant N=8 for n=0 to n-1 step by 1 3 -> for no=0 to n-4 -> stop 12 for CEU to n, step output "+" GJ N \$1,000 P. public class starg quesic static read main (stering ang []); int n, Call; Association . for (c=0; c <= 2; c++); System out printer (".x.") 30



PAGE NO: DATE: public dons ewap of public static void main (study args [7]) float n=1.2f, b=2.45f; eyetem out puretter (" megare swap") System out println ("nune") float t=a; a = b; b2+; System. out. print in ("" sythe swap") System out print In (" Let = " +a); System. out. print ln ("2nd = " +ls); 634 4 4004 newy temperatury may en output : 1 Before enoup First number = 1.20 1.4.6 € 2.45 41 = A Occound " After swap A LANG 12t = 2.45 2nd= 1-20 Java program to find first quotient and 100 remainder. Algorithm flowenant Step 1 + Start (Stant) 3-1 p=2 a=15 ·9 = a/5 n= amod b ougut gue stop . 7-1

PAGE NO: DATE: public class qu of public static void main (string args (T) of int a=159, b=2/1/4; 9= a/b; h= ax.b. System. out print in (" quotient" + og); System out print to (" Remaindel" + 12); him brond must and we quetient = 7 remainder = 1 Buadwale Fall supe d) Java program to multiply numbers. Flowchait . Algorithm Step L: start 2; input a, b, 3: n=a*b, 4: autputs N= a+b. 5: wistop. Stop unport java util scanne; 11 pupite class marind public static void main (string ange CI); Scanner - new scanner (system in); System: out. print sn . (" Enter 1st no. "); int a = smeat tuit (); int be si went Int ();

PAGE NO: DATE: 1 close (); int p = a + b; hards and system out point in ("output = " +9); at a district he axb. Enta foret num (1) Francis not market Enter second num output Quadratic Egn pergram WHERE THE THE import java util scanni; import static java lang Math sight; import static java long. Math. abs; public class grad of quedic static voca morin (string (Jangs) I carner in = new scanner (system in) bystem out print En (" enter coeff "); int a = (n. next Ent (); unt b= cu. next ent(); ESTA int c= in next Enter if (a=20)9 System out punt in (" Emalid"); elied art a= 18 b- 4 + a + c; if (470) of System out print la ("Roots are oud")

PAGE NO: DATE: Step 6: 4 deo print roots are imaginary 11= -b/(4a) ar= signt (alos (d) /(2* as) print (11+inz) pertur (11-i12) Significan continuently ("Local age, sured Step 7: 24 d=0 quint roots are real and egual h= - b / 2*a) puint hay the posteril step 8: Mop . which his mal (Stant) enitialize variable a.b.c/ Read a 1610 print hoots are had y 070 11 = - bilegues /24a 12= -b- equitil \$24 funt LI Lz . A busy bus b, sad print rook all no do gut (d) /2 at Cale Chi May a gottle of all book all and the grant

PAGE NO : DATE print roots are equal (4 d==0) A=-6/62MA)/A print to print of . I show yourse social ogmows profits TRI THE COLUMN THE CASE [] THE output: [22 mil even - strong 12 mile lenter num! 12 girly some how what solding Enter mm 2 24 (no motope) remnost used = 31 securos? Enter num 3 man 3 miles of the motion candian is made Given equation does not have any real solution Sustann much minth, I seem than Super Programme of march a straight and princip the mistain Gran & Bis Established & Tit states

C:\Users\Anish Maheshwari\Desktop\java>javac QuadEq.java
C:\Users\Anish Maheshwari\Desktop\java>java QuadEq.java
Enter values of a, b, c:
22
12
13
Roots are imaginary
Name: Anish Maheshwari
USN: 1BM22CS041

C:\Users\Anish Maheshwari\Desktop\java>java QuadEq.java
Enter values of a, b, c:
0
1
Invalid Input
Name: Anish Maheshwari
USN: 1BM22CS041

C:\Users\Anish Maheshwari\Desktop\java>java QuadEq.java Enter values of a, b, c: 2 6 2 Roots are real and distinct R1= -0.38196602 R2= -2.618034 Name: Anish Maheshwari USN: 1BM22CS041

C:\Users\Anish Maheshwari\Desktop\java>java QuadEq.java Enter values of a, b, c:

2 4 2

Roots are real and equal R1= -1.0 R2= -1.0

Name: Anish Maheshwari

USN: 1BM22CS041

		PAGE NO : DATE :
1/0	S SGPA puoyeam	fach. In
· ·	T SPA 3 V SPA SA	
	import java. util. scanner;	402
	class studenty	
	string nen;	1000
	string name;	Mary Hard
	int [] ordit = new int [8];	Call Control
	unt [] mark = new out [8];	tuq tus
		PENTEL MANN
	public static void accept () g	11
	1	Easter value
	Seanner sc= new scanner Cey	etem in) 144
The state of	System. out. printly ("anter V	ena) . which
	vsn = sc. nextline ()	21
Julia	System out printler l'anter de	
	for (i=0; i < ereditor length;	i++)8
	d d	1
	System. out. printle ("anter	ordity for subject"
	audity (i) = sc nent Best ();	+(+1)4
	System out printer ("entern	ark In subject "
		+(i+t)+"a:"):
	marks [i] = Sc-next Int (
	9	
	у.	Charles of the Control of the Contro
	(e/b)	
		S. Francisco

PAGE NO: DATE: public double calculate sqPA() 9 Int total endour = 0; int sum = 0, gradepoints. double and for (i=0; c coudit length; i++) Sures 12561 Junetica Cath total orediti = lotal oredit 1 mediti (1); gradepoint = ((marks [i] /10) + 1); of (quadroint == 11) gradepoint = 10; elle if (gradepoint <=4) gradipoint = a; LLO matering the again to dum = sum + gradepoint * ouders [:]; 11 651 10 1 1 1 to 1 ans = (double) sum / (double) +otalcredits; getturn ans; public class printSGPAC) of of static void main (string [7] args student & stu & new student (); etu accept (); dystem. out. print ("Details"); System. out println ("USN"+ stud-usn); lighten out printer ("Name" + stu. name). double SGPA = str. calculate SGPA(); thouse s. System. out. println ("SGPA" + SGPA);

	PAGE NO : DATE :	3
	Algorithm.	
	D. W. W. W. W. W. A. Land. A. A. C.	-
	had a start	-
	2 -3 Initialising variables UIN, 11	ame
		~
	3 → Centill det (): Lunction call	
1,5	4 -> print input ven, name, mark	s, credi
	S -> display det() fune call	
	6 -> print (vin)	
	point (name)	
	perint (marks)	
	print (credity)	
	7 → Egga (): function call	
	8 - initialise j, n, j	
	9 > for (i=0; i(0; i+1)	
	(debools of geol) how count) - me	
	v2 viedity [i) + ((marks [i])	110)+1
	9= v+q	
	to the following to the section	
NO I	10 → print (g 120).	
	11 -> end.	
	() In a briefly carry I will be a school of	
	Quelgrait .	
	- The state of the	
	in the section of the land of the motive	
00 E.M	132 A " morelly " I william of the contract	-
	DASSE STATE STATE OF STATE STATE	_

PAGE NO: DATE: (start) initialise variables/ entri dut()/ for(i=0; i28; (++) HO forti=0; ics; int) initialize variables of TV. t

PAGE NO: DATE: for i=0; i28; i++ v= credit ((marks [i]/10+1)) punt (3/20)/ identify to great bushay (dut) (120) Triving DELLEGT HEREEN

```
C:\Users\Anish Maheshwari\Desktop\java>javac Student.java
C:\Users\Anish Maheshwari\Desktop\java>java Student.java
Enter name: Aman
Enter USN: 18M22CS807
Enter no. of subjects: 5
Enter marks and credits:
Marks for subject 1:
72
Credits for subject 1:
Marks for subject 2:
91
Credits for subject 2:
Marks for subject 3:
54
Credits for subject 3:
Marks for subject 4:
Credits for subject 4:
Marks for subject 5:
72.
Credits for subject 5:
Name : Aman
USN : 1BM22CS807
Subject 1: Marks= 72 Credits= 4
Subject 2: Marks= 91 Credits= 3
Subject 3: Marks= 54 Credits= 2
Subject 4:
                             Credits= 4
               Marks= 90
Subject 5 : Marks= 72
                           Credits= 1
SGPA : 8.714285714285714
Name: Anish Maheshwari
```

USN: 18M22CS041

PAGE NO : DATE: 12/01 Lab. Brogram - 3. 07 Emport jana util Scanner; class books of string name; string author; in price of war 1000 int mem pages 122 [1] public void set (int i) of scanner tu = new scanner (System is); System out, printer 1" enter ditails of books tel [] of] situation - ters "+ (i+1)+"in name, author, price numpages order"); name = in next(); author = in near (); price = in . we next Ent (); num pages = Eur . pent (); public string to String () of return " Detary of books "+ (i+1)+" (n°+ " name" + name + 174" + " Anthor" + awher " " " + " price" + price + 1'no gager + min pages!

PAGE NO : public static void main Cetring (Jergy) Class D of scanner in a new Scanne (System is System out printle (" Ente no of to n = w. nententi); Brooks b [] = new Books []; for (i=0; icu; i++); b [i] = new Books () b CiJ. setting men w be the du brow side System out printle (); foi (wit i = 0 ; ich ; i++ mgg System out printle (b c i) testing () francis some 1) WEST IN THE STREET () has no as a partition CO PUT TO SOLVE AND A SERVED CHARLE CARL TO THE PRINT PARK 19-11-1 20 Ma 129 34 1 M and the same of the same of the same of - will a " a Sight of a partition the hard women is the only

PAGE NO: DATE: Program 4 import java util ecanne; abetract class shape of abetract void area(); materials public static void main (struny args [7]) done to assert altimos but will shape obj1 + new cucle (); obj 1 areal); shape obj 2 = new Rectangle (); objearea(); shape obj 3 = new triangle(); obj3: area (); was a whole we marget () wild and let y () tustimus - 12 - 4 Class Circle entends shaped () were how x - 2 and () when ") will promise the Scanner sc = new Scanner (systemin); System. out-privater ("anter the eadure of the circle"), x = sc. next Tat (); void area () system out print in ("area of circle is" + 341 x x x y);

PAGE NO : Class rectanger entends shape 124 Rectangle () of Scanner sc = new Scanner (system in) System. out print in 1" enter de length and by of rechange"); x = sc. next Int(); y = sc-newtoute); I have here toward void area () were her situal silving eystem. out printle ("area of rect is "+ aty eloj4 mual) Class Terranger entereds Scrape () Triangle () Scanner Scz new Scanner (System in) ropon to system out printer (anter the band ho); x=sc-newtent(); y = Sc. nent 8nt (); void area () of 1 miles and well System-out printer (" wea is "+ 0.5 * x x y); MI MITTER SERVICES COM 1 32 12/4/1012 referre and principle (" Einter - Lac (1) 12 may 23 = 2 13. x2p CARRED ACCOUNT the same time to the property of exercise the management

PAGE NO: DATE: 12/01 Program 3 B. Williams B. moth upp! A Enter the number of books: 1 2) Truthalian variables make and and enter details for Book 4: Name: abc123 and to an astron de Author: 242123 Hind war white Price: 500 Numpagu: 200++1; NSJ; 0=3) 14] (? FCET + new pocks () make a details of books 1) Name: abc 123 Author: 2123 - Ward mague 50 Price: 500 (++2 NS) (3=1) (3) No of pages : 12001 and the 1212 4.1 Program 4 lette the radius of the wiele: 5,000 area of the circle is 78.5 Enter the length and breadth of Rectangles 56 area of the nectangle: 30 Enter the base and height of the triangle 1 6 7 12/12

```
C:\Users\Anish Maheshwari\Desktop\java>javac BookTest.java
C:\Users\Anish Maheshwari\Desktop\java>java BookTest
Enter the number of books
Enter details of book number 1
Name:
Author:
Prisoner of Azkaban, JK Rowling
Price:
500
No. Of pages:
250
Enter details of book number 2
Name:
Sorceror's Stone
Author:
JK Rowling
Price:
500
No. Of pages:
200
Book Details:
Name:
Author: Prisoner of Azkaban, JK Rowling
Price: 500.0
No. Of pages: 250
Book Details:
Name: Sorceror's Stone
Author: JK Rowling
Price: 500.0
No. Of pages: 200
Name: Anish Maheshwari
```

USN: 1BM22CS041

C:\Users\Anish Maheshwari\Desktop\java>java ShapeTest
Enter length and breadth

6 7

Rectangle Area is42 Triangle Area is:21.0

Enter radius

6

Circle Area is113.03999999999999

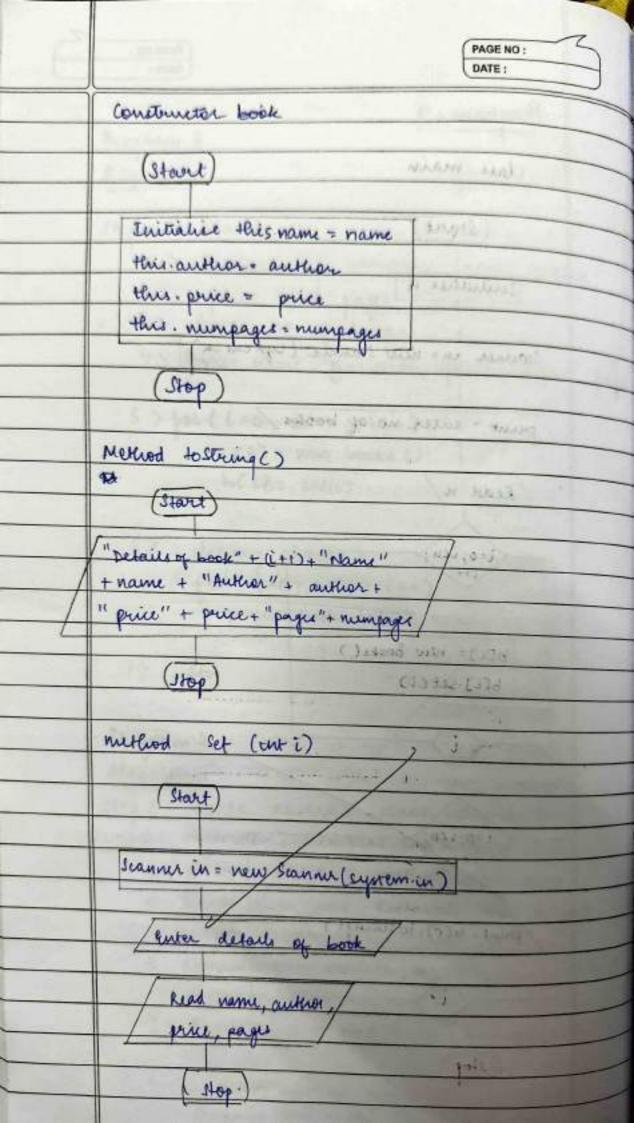
Name: Anish Maheshwari

USN: 1BM22CS041

	400	PAGE NO:
	TT 13) 1- 1	DATE:
		Section 1
	0	
	Algerithm	MANUAL
	H. Age Com	
	Step 1 :> Starct	State of the state
	2 :> Initializing variables	name any
	price, min pages.	and a
	The district was not become	10
	4:) Enter name, gauthor, yo	ice was
	GE GE	- Tanana
	5:) for (i=0; icn; i++)	ESPECT WORLS
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		elic camacal
	67 duplay books - Estap	
	fait i=0; ien; i+1)	me think on
	print book defails .	all the te pa
	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	
	7-7 Hoy	Presnam
	/-	
	Program 4 ms and to separa	
	Algorithm 8 1 1 / 1 mm w	A ST ALM
	Step 1: Create abstract class no	med shape
381	2: include 2 members a an	idiy will
	3: declare distract method o	meat);
10.0	4: buste Sub-class Rectangle	that entends
	shape I shared have said	
	5: Overvide area method tos a	alculate area of
	nectangli	
	6: Reprot step 4 and 5 for 5	toriangliand
	arch.	
	7: In main method weate obj	ut nutarily
	8: Hop. and wirele	

II

PAGE NO : DATE Brogram - 3 Aug Standing Class main (Start) some some south substant CANADA - MANAGEMENT Initiative n there pare price Scanner in = new Scanner (system in) print = enter no of books CHANGED HOUSE Read n, 12 1000 i=o; icu; + FRANCE "LESSA" + WILES Shipmer - 2 ppg - 3209 + "said" b[c] = new Books () bccj.set(i) 9311 (s total to builton A FREE i=0; i(n; THE THE PROPERTY ASSESSMENT THE PARTY NAMED AND ADDRESS. print= b[i]. to strung()



PAGE NO: Program -4 inhurited class curcle (start) and and and among Scanner st = new Scanner (system in) " Enter the radius of the circle" += fread x, y server you come " area of wiele is" + 3 H+ 2 * 4 Inherited Class rectangle. Jeanner sc=new Scanner (System in) / Enter the Ld B of rectangle/ Tread my - man his Tores of nectangle is 2+4 (stop.) I have to de

Inherited Class towardle (Start) and seattle hardens Scanner se = new Scanner (system in) Eure the base & hight mad ny / " area of triangle is " + 0.5+ x+y + (Hope) + " W should to have abstract class shape. (Stave) unitalize x, y abutiant word area (s) Shape obj 2 = new Rutanger ():

Shape obj 2 = new Rutanger ():

Shape obj 3 = new trianger (): stay 3. area() (Stop)

PAGE NO : DATE: Potot Peragram - \$1 70/100 Subtre class bath quivate string Hom Name; //private members. private int prices private int quantity; //first setter method. public void settlem Name (strung item Hame) this item Name - item Name; Mary accountly // first getter method public string get Hem Name () of return itemName: public void setlerice ("ent price) ? that price = price of the had water System for problems " Account from public unt get Brice Od no return price; public static void main (Iting [] args) of Caset obj = new Cart (); obj. set Stem Name ("Butter"); obj. setPrice (50) System out-println ("The details are: "); System. and printen (abj gettrem Name ()); System - out : println (obj . get Price ());

PAGE NO : Program - 62 B. - MERRONS import java util Scanner; class Account of String automer Name; long accuo; 3 Carrison String account type; stevens double balance; public Account from with the there! pulche yout sattentimes (Public Account (Storing customerstame, long areal String account Type) 1 this enstomer Name = Eustomer Name; this accus = accus; most this account Type = account Type ; this balance = 0.0; & Come too and construct home more Public void desplaybalance () of 11 200 System. out. println(" Account number"+ System out printly (" automir name "+ cutetomername); System out printly (" Account type:"+ system out printly (" Balanco: \$" account Type) the standard of the standard of the Carlinda (Ca were with the safe of the days the same tages

O.	PAGE NO:
	Class Curracet enterras Account (39)
	double muibalance;
//	double surveeChange;
	public Curtice (String austomir Name,
	long accord
	super ("customer Name, accus, " (wrent");
-	the interest Role 6105
	this minBalance = 500.00
_	thus is survice Change = 50.00
	wanted - married address
	middle word withdraw (double amount)2
_	if (Balance - amount &> = min Balance) 1
- 1311	Balance = amount;
	Sucrem out printly (" with arawar
	successful - Current balance: \$ " \$
	to the this bunt balancedy promise
(34)10	and I will all
	Luintlas Luintlas
ž.,	withdrawar
(phent)	the forth of the Copper
	public void import survice Change (25)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
4(1)	balance = survice Charge;
- U.C.	balance = Livere that grance change by the balance \$" + balance)
	eyesem. out. printle ("Survice " 4" + balance)
	& rand will white
300	to the same and th
	A T ALLER AND MARKET OF ASSESSED

E	PAGE NO: DATE:
	Class San Acct entends Account of
	double interest Roote;
-	public Son Acet (string anstormus Names
-	long areno) of
	sugar (customer Name , and
	this . interest Rate = 0.05;
	HOLLY MANUAL STREET STOP
	public void deposit Interest ()
MA	author interest = balance " lister
1	balance + = interest;
	System out hereto (1)
	avoient balance: 9" + balance);
- 1	The state of the s
	formated account of a supersonal
	enitial Amount interest (doubt
KJ.	aut term of
	double compound Interest =
	initial Amount * Math pow (1+ interes
	term) - initial Amount;
	balance
	balance + = compound testeret;
	deposited (" Compound Interest
- 21	departed coverent boliaine: Re"+ beter
Ind 4	y y and a manufacture of the second
	19.540.4 (0.00)
	public class Banks
	public Static void main (et Times)
	Scanner Sco new Scanne (Button in)
	System - put - printly (" Chapter account by

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PAGE NO : DATE :

System out printle (" 1. avoient"); System out printer ("2 . Faving"). System out print (" Enter choice : (1012) "); int choice = See stanner. next tet (); System. out-print ("anter customer name"); String automorName = Scanner nextline (); system out print (" Enter account number"); long accuse: = scanner. nattony (); uf (chaire == 1) { Curracet curraceount= new Curracet (automa Name, accuo.); System out print ("enter unitial balance"); double initial Balance = Scanner next Souble ! cur Account falance : initial Balance; System out print (" letter withdrawal Amount :") double withdrawaltmount = stanner next souble (); and Account + withdraw (withdrawal - Amount); curreccount impose Service Charge (); Cur Account · display Balance (); else of (choice == 2) the Santect sontessin = new Santect (austonie Name , Acono); System out point (" enter intial balance: \$"); double worthdrawed forceut = scanner, next bouble () SavAccount Balance = witial Balance; System. out print (" enter withdrawd smount:); double withdrawal known = Scanne next Double () can Account, balance = muthdrawal Amount;

	A STATE OF THE STA
	PAGE NO:
	DATE:
	System out printer ("Withdrawal Successive avoient balance: \$" + save A count balance
1-1	aditem our pour from the amount has ".
	apuble interest hate = scanner, neutbouse,
11-	san Account interest hate : interest Reale;
13.00	The se Assessed a Second Conscious misself of
5,302.5	santocount display balance ();
	System out printle (" Enter Hour (in years)
	for compound out calculation: ").
	uist term = Scanner nent Int ();
	-/ autom profitancestal -
1 Nov	sav Account compound Enterest (initial balance, to
NE SA	Court of desired and bottome - Kommen on
	sav Account display Balance (),
	Industry out this of the safety and
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	" and transit - burney - sign of the land

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50	THE CHART
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Perogeram 2.	DAMES.
out thouse Account type:	X and a
out thoose Account type:	Charles Stanfor as a
1. Covent	Trackly and a second
2. Savings	
Enter choice (or2):1	Maria San Paris
Enter automic name: Anith	
Enter Account number: 1234	VIII III
Enter initial balance :\$2000	
Enter withdrawal amount: \$11	000
withdrawal successful. Consent 1	Balance: \$1000
Account Number: 1238	Carette
customer Name: Amil	
Account Type/Convent	
output2/.	
Choose Account type:	
1- Cyroan	
22 Savings	
Entre choice (1 or 2):2	
Eures outomer name: Anish	
Enter anount number: 1234	
Enter initial balance: \$ 2000	

	PAGE NO : DATE :
	Enter withdrawal amount: \$500
-	withdrawal successful: awwent balance: \$1500
-11	A STATE OF THE PARTY OF THE PAR
1	Account number : 1234 and for shared and
100	ustomer name: A
_	count type: Savings
	elance: \$2019.424
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	The company of the same of the
	2. Samintes
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	CINES CUNTOMICS VININE I AMINE
	Ender Account Manualle: 1234
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	District Property Auditor
	Account Type Contract
	1 stugtus

C:\Users\Anish Maheshwari\Desktop\java>javac Bank.java

C:\Users\Anish Maheshwari\Desktop\java>java Bank

Name : Anish Maheshwari

USN:1BM22CS041

Enter the number of users: 1

User 1

Enter customer name: Tanay Enter account number: 345

Enter initial deposit amount: INR 50000

Enter account type (Savings/Current): Savings

Choose an option:

- 1. Deposit
- 2. Withdraw
- 3. Display Balance
- Compute Interest (Savings only)
- 5. Exit

Enter your choice: 1

Enter account number: 345

Enter deposit amount: INR 2500

Deposit of INR 2500.0 successful

Choose an option:

- 1. Deposit
- Withdraw
- Display Balance
- 4. Compute Interest (Savings only)
- 5. Exit

Enter your choice: 2

Enter account number: 345

Enter withdrawal amount: INR 30000

Withdrawal of INR 30000.0 successful

PAGE NO : Program: 6. package CIE; Min apasan public class Student (String Name; It int sem () short tyers have unding public student (String USN ; string Name in this went = usage motife this name = name; this sem = sem; public class internals entends student of int [] internal Macks; public internals (string USN, stering Name, ration, int 17 juternals marker) super (USN, nama sem); this internal starks = internal mouks;

	PAGE NO : DATE :
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-	package SEE
	impart CEE Student;
-	and the management of the state
-	purplic class: Enternal entends Itudans of
-	int [] her Marks;
-	ci) intermediated to executy its printer
100	public Extremal (Steing USN, esting Name, int sem,
	int CJ see Marks of
	super (USN, Name, sem);
_	this. seeMarks = seeMarks;
_	well man & described one = U . I part & particular
100	Marachus.
	and a service Annay () - when Eating at (vice a same and
_	(SAMMAN)
_	Main puosgeam.
-	import CEE Internal 1 () = () 101
TA S	
	3 salahasi + Er Junea dan mino +
-	public class Final Marks of
	public static void main (string [] args) of
	int n=5;
	- chiefe was proved toward actions to a making
	unt [] [] Findhradu > new int [n] [s];
	3(+1) (in i=0 m) of
	Enternal (). whether Array = new Enternals [n];
	Enternalists enternalishmay: new Enternals (n);
-	
	for lint i=0; i <n; i++)="" of<="" td=""></n;>
	String USN = "USN" + (U. 4);
	String name = "Student" + (L+4-);
	unt sem = 1;
1	

	PAGE NO:
	random nent Ent (101), landom next Ent (101)
	random nent Ent (101), landom next Ent (101) Loundon nent Ent (101), landom next Ent (101)
-12	until see Marks = of handom nent But (101).
	trandom nent But (101) g random nenter (101), random nent But (101) g random nenter (101)
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	enternals Array [i] = new Enternals (ven, name, com, conternals Array [i] = new Enternal (ven ven).
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	for (utj=0; j(5; j++) d
	for (cut j = 0; j < 5; j ++) of Final Marks [[][j] = internels Array (c) - internets Marks [j]; + internals Array (i) + see Marks [j];
K	got 13 person from how sienes within
	or to pay pai
	System out println ("Final Marks for in students in the 5 colinses");
	System out and (11)
	JES; j+14 de la contrata
1	System out print (final marks [6][]+ "}")
1	7º1
10	- 2 - was the

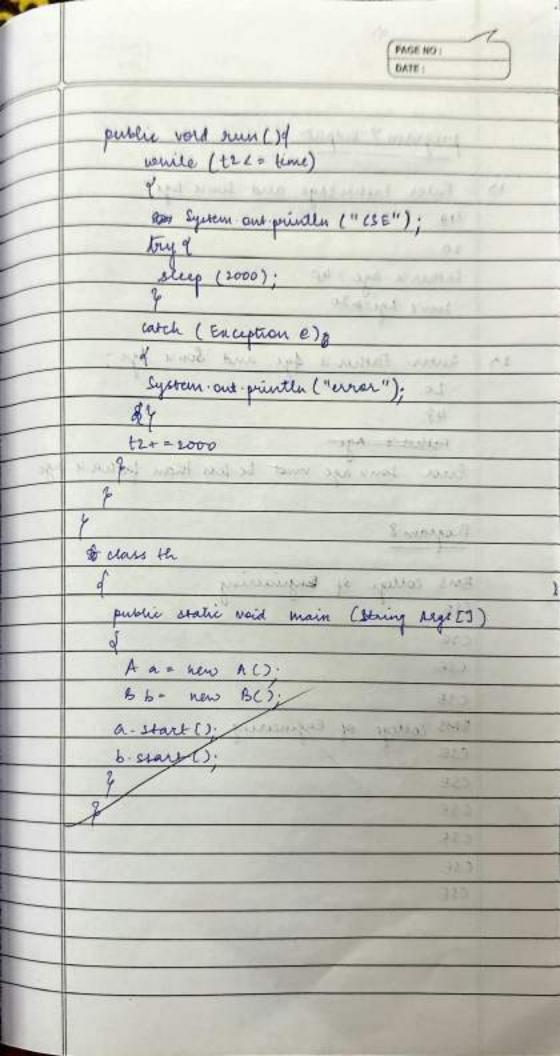
PAGE NO: DATE: output : Final Marks for a students in All 5 courses; vani teks son) besprit etudent 1: 144 207-181 73 209 Student 2: 215 107 246 132 156 Student 3: 70, 46, 79, 70, 131 Student 4: 123, 99, 40, 92, 133 Student 5: 64, 173, 83, 156, 83 Student H: 123 Student 5: 64 173 Proposition spale gaptioning the the comment will enter miles (DE SER MINE) IN studies were showing the 1" by contin richalling! the promise facecape to as a term through a made to all those sew weeks to token of when the done Monte out (agreed this, agreemed a wild and Charles I'V Essenting and and residence against the transfer when (new in which STANCE STANCE CON

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C:\Users\Anish Maheshwari\Desktop\java\packages>java FinalMarks
Enter no. of students:
1
Enter details of student 1
Enter name, usn and semester:
Anish
1BM22CS041
Enter Internal & final marks of subject1
46
Enter Internal & final marks of subject2
45
47
Enter Internal & final marks of subject3
43
48
Enter Internal & final marks of subject4
42
45
Enter Internal & final marks of subject5
43
43
Final marks of Anish
Course 1: 91
Course 2: 92
Course 3: 91
Course 4: 87
Course 5: 86
Name: Anish Maheshwari
                         USN:1BM22CS041
```

DATE: Program-7 import java util scannu; das wing Age enteres enception of public wrong Age (stiling message) of eyer (meiage); class fatherd int fatherage; public Father (int fatherage) throws wrangliged if (father Age LO) theow new wrong Age ("Age can be nightive" this father Age - father Age; class son entends father of Class son extends father of int son son Ag public son fint & fatherage, int sight (fatherage); if (Soundige > = Farenage) of throw new wrongage ("Source age must this Santge = Southge;

PAGE NO: DATE: public class fathersough public static void main (string Args (3) of Scanner sc = new Scanner (System in); System out printer ("Enter fathers age and sen's age"); int fa = SC. nentEnt(); (Young home interes!) Son & = new Son (fa, sa); System out printer ("Father's age" + s. father Age); system. out. println (" sois Age "+ s-son Age); 4 Scarce (wrongtge e) To System out printle (" everer" + e. getniessage ()); · JENEY LIN Sycam cat purtue (" BALLETI) (1000) Juli (+ wally som +) . (" 13 mis") withing the warned 100001 = +61 hand burness and dent - may

PAGE NO : DATE: Program - 8. class A encends Ferreadof unt t1=0, time; AC) kine = 21000; 17 mil tomas = 12 14 public void run () 11) was war = 1 was while (+1 (= time) ri spik System out printly ("BMSCE"); sleep (10000); (Exception e) of t1+ = 10000 3 class bentends Thread of ent t2, time B() q time = 4000; t2 = 2000



1975 PAGE NO: DATE program 7 owput 12 (2) Stewn Enter Fasherstage and Some Age! 10 military and water - on 49 20 Faster is Age: 40 Jow's Age: \$20 (Carrellian E) Einter Father is Age and Son's Age: 1) برداديد حيد ويد 48 Error: Januage must be less than father unge Program 8 -BMS college of Engineering CSE I WALL CJE CSE CSE BMS college of Enfineering CSE CSE CSE CSE CSE CSE

C:\Users\Anish Maheshwari\Desktop\java>javac AgeTest.java

C:\Users\Anish Maheshwari\Desktop\java>java AgeTest Enter age of father and son

50 14

Name: Anish Maheshwari

USN: 1BM22CS041

C:\Users\Anish Maheshwari\Desktop\java>java AgeTest Enter age of father and son

-12 30

Age cant be less than 0

Caught

Name: Anish Maheshwari

USN: 1BM22CS041

C:\Users\Anish Maheshwari\Desktop\java>java AgeTest Enter age of father and son

18 30

Father can't be younger than son

Caught

Name: Anish Maheshwari

USN: 1BM22CS041

```
C:\Users\Anish Maheshwari\Desktop\java>javac Demo.java
C:\Users\Anish Maheshwari\Desktop\java>java Demo
Name: Anish Maheshwari
 USN:1BM22CS041
BMS College of Engineering
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	PAGE NO : DATE :
	Week 7
/	A STATE OF THE PARTY OF THE PAR
	Program -9
	Colorador Distriction of the Colorador
	import jana 4 swing. ";
	import parawt.";
	import java. aut. event. *;
	and harried the separation has ween
	clais Swing Demo
1.11	September 1 Market Charles and the Control of the
	Swing Demo()
	1
	I Bame jem = new JErame ("swider app");
	jem setsize (265, 150);
	jour entlayout (new Flowlayout ());
	yem st default Close Operation (Trance . Exit_On_
	Tabel glab = new Flabel ("centre the close).
	divider and quetient)
12	Hartman & hours part was how sites
	Tentfield ayof = new Frentfield (8);
	Stentfield bytf = new Tentfield (8);
	Manifes and
	Jantton Button= new Jantton (" Cale");
	Mabeleu = new Jlabel ()
1/	Jlabel alab = New Tlatel ();
	Japel blab = new Japel ();
-	Flabel anstab = new Stabeles.
	Jum-add (ell); - 1") with a date
_	jum. and (jlab),
_	jfim add (rytf);
_	ofin - add 1 byth);

PAGE NO ffrm and (alas); year add (blat); from add (britton) Them add (anstab); Actionlistene (); Action listener 859 I - new public void actionperformed (action event ever) system our printle ("Action event from a byth. add Action listenic (I) button add Action listener (new Action buttiness public void action/exposured (Action Event ent) ere set tent ()! = mill) int az Tsoegel pusetnt (aztf gettent ()); alab. settent ("lux = "ra); blab set Tent ("In B= "+b); anslab set Pent (11 n Airs - " + ans 10)

	PAGE NO:
	carch (NumberForement Enception e)
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	alab settent (" ")
	belab. sextent (" "),
	andre settent (+ minch [1BM22CSO41]");
	err. settent (" enter 5 hours (1))
	err. settent ("Enter Entegus only");
	cotto (Aviet
	catch (Arichmetic Exception e)
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	alab settent (" ").
	blab set rent (1111),
_	andab. settent (" Aring Ciamzzesou 173;
-	err-set Tent ("B should be non guo");
	1).
	<i>(1)</i>
	2 from set Visible (time), I want 1 got
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
-	Landon It relaces though the Eggs
	public static void main (String Aigs C5) &
	d soft bought bush to organia want
_	Swing Utilities. invokelater (new Runnable ()
dial	beech engineer institute sold sold
	public void sun O
	9
	new swing Demo ();
	3
	K;
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_	LI Z DARRIO DE LA PROPERCIONA DE LA CONTRACTOR DEL CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRA

PAGE NO: output. Maria (Mariante) as a series Discuter Enter the divider and dividend CAJ (1) [2] [3] [4] [5] [6] [7] [8] B CIJ [2] [3] [4] [5] [6] [7] [8] carculate trus museage A=10 Was the first of the A B=2 of some that the other Ans= 5: several 1 1 tonstalls declare was not work a to seemed he were Algorithm Step 1: avale Staame containers step 3: Set deposit these steps of container 10 EXIT_ON_CLOSE . Hep4: Create a Flabel named Tlab Steps: Create tout stems field

Steps: Crease I button componers name of Step7: Write the final main function and end program.

VUII UI.

C:\Users\Anish Maheshwari\Desktop\java>javac SwingDemo.java

C:\Users\Anish Maheshwari\Desktop\java>java SwingDemo

