```
dav-1
import jara util *;
public dass main &
Public Static void main (Steeing [] augs)
  deanner et : new Scanner (System.in);
  ent a,b,c,
 double 0, 71, 82;
system out puintly (" Enter the values of a, 6 and c "),
   a = sc nextint(),
   b = sc. next Int (),
   c: sc. nextInt():
   D= (b+b)-(4*a*c);
   4(0==0)
   System - Out-println (" In Roots are equal and upar"
     81 = 72 = D
             22
  System Out Puintly ("In" + e1+" 1"+e12);
```

```
solif (D>0)

System.out.printinl" [n Roots are real and distind"];

r_1 = (-b + Math. squt(D));

r_2 = (-b - Hoth. Sqrt(D));

System.out.printlns (n + "" + r_2);
```

```
System aut puintfin (" \n Roots does not exist");
```

Lab-2
ampout java. util. *
class student marks.
Scanner se = new Scanner (Eystern in);
front [] and in yout [];
froat [] mark = new froat[5]; froat[] sqpaps = new froat[5];
froat sum =0, c;
intuen; float sgpn;
String name,
Void Get data ()
Eyston out pecinth l'Eater Student's name 1.
hane : sc. next Linel);
System out printer ("In Enten the USN").
Sustem. Doit. Devintly (" In Entry the mouth oftamud
System out pointln ("In enter the marke rotatived by the student in each fine etupiect").
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	fou lint i=0; ins, i+t)
	The section of the se
	ig [manks [i] >= 90 LL manks [i] <=100)
	of marker (1) 2-40 KE marks 13
	\$ sgpapsli1=10,
	2 sgrapslis -10,
	exery (marks [i] x = 80 & 1 marks [i] < 90)
	exery (Many 1172 - Trunder 5 190)
	3 Sapaslil=9,
	sgpasci I-9,
	<i>y</i>
	uke if (marks[i] >=40 ss marks (i] (80)
	and a matrix (13 7 - 40 12 matrix) (17 - 10)
	3
	egpast(]:8,
	else if (marks [i] >= 80 is marks (i] < 40)
	as macking (so)
	\$
	sgpaslil: 4.
	()): 1:1,
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41	- #0 LL marky (60)
	A Committee of the comm
	C000-C10 0
	egpno(i)=6;

	1 4.517) - d = 1	1.7)	
	ther if (marks li3:	-4011 marks	m 220).	-
	- ş			
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	<i>r</i>	W.	to e	
l	ke			
	sgpas(i): 0;			
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	*7506	or to the second	*	
S	When M. F. Duin Him /	tal it and	itim each su	hick
	yctem. Dat Buintln ('fau (int i = 0; ix5; i	(++)	4,1,1	ilea j
	face con 1 - 5 - cost	11)		
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	quedits lid = se	nextfloat ();	Could be	
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Plo	at calogoal)		- particular	
<u> </u>	U.			
	§			
	f jour line i =0, ins;	(+t)		
	-5		# R	
		-1-	:21 .	
	- Aum Jaum + (s	gpasti]* undit) <i>J</i> /,'	

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    C: C+ cuedit (1) ≠ 1;

  Sypa: sunn/ci
Void gerdatalls
  System out . Printer (" In cerails of student: \n").

" ("Noone!"; name);
" ("In U.S.N"; usn);
   104 ( int i=0; ix5, i++)
    Eystem. Out. Printh (nocks [17+"");
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furtic Static reidmain(string (?angs))

Scannera: New Scanner (System in)

structure marker? at:

string student Marks (5).

System Out printen!" (nenter number of student!);

stli): new student Marks ();

System Out println(" Enter the data of "(1741)).

Stlil set data();

stlil-get data();

stlil-get data();

string counter (" or sea of sea of " tc);

System Out println(" or sea of or sea of " tc);

Lab-3	1 30 00 00 00 00 00 00 00 00 00 00 00 00
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roid workdet (String no	ione, Stuing anane, first puice es).
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	public Static void main (Study augs [3).
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	book art []b= new bookout-[10].
	Scanner se: new Scanner (System. in)
	System out punting "henter no of books".
	into = convert for ():
	int n = sc next Int();
	fou (vit i:0; ixn; i+t)

System vur puintln! "Enten the perice"); float perice - se next Moat (); System . out. perinton ("Enter total pages"); int pages = sc next and 0; with pages blid : new bookdet(); bli] brokdet (name, anome, perice pages); for (int 1=0; isn; i++) peters out, painten (" Retain of work" + lit1)) System. out · puintin (b[i]),

Lab 4	
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double to	le extends shape &
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double to	ii-anua;

roid puint aula()

{
tui-aua = (0.5 * a * b);

System out puint n' "In The aua of touangle is" +" + hi aua);
}

class to (inch extends shape & downle ci area; Void print area() E Ci area = (3.14 * * * * * * * * *); System out print to (" In the area of cincle is i" +" (i - area); I carrier se: new scarner (system in); perdice static roid main (string langs) " restangle et: new rectangle(); scarner to "eur scarner (system en); perdice static roid main (string langs) " restangle et: new rectangle(); et puint area(); triangle t: new turngle(); t. puint area(); t. puint area(); chicle c= new (incle();	. J		8		
Ci - arla = (3:14 * a * a); System out print (" In the area of cincle is i" 2" (i - area); (loss Main Seamer Se: new Seamer (system en); pertie static roid main (String I args) " rectangle 4 = new rectangle (); scarrer se: "ew scarrer (system en); pertie static roid main (String I args) " rectangle 4 = new rectangle (); el puint area(); triangle t: new tubagle(); t. puint area();	Cla	is to circle ext	nds shape f		
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for the system and printing "You cannot original original";

fire ();

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school SAV_Account extends account Lav- air (string , string, a, stringt, double b) super (r,a,t,b); void display () System but pointly ("Name of a/c holder", same) System . Out printin (" Type:" + type); System . Out printin (" Ralance , + balance). tood withdrawl) double sun; Scanner SC = new scanner (System in); System. out println "entur the ant); goodsum = sc. rext Dule 17; balance - babrel - sunni display ();

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case ()	April 18 may 1980 - 1981
a. System. cxit(Chatra 20) .
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