DOZ 14P-7

12/12/23

(0) of Java program to frint all the real solutions. Emport java. Util . Scamer; clay Quadrake int a, b, c; double ~1, 12, d; void getal) Scanner 8 = new Scanner (System o'n); System. Out . print (" Enter the cofficient of a bie"); = 3-NEXFINAC). = 3- next Inter; c = 3- next Int(); void compute () while (a==0) System. out. printin ("Not a quadrate equation"); system . out - printer (" Enter a non zero sea value of a:"); Scanner S= new Scanner (System o'in ); a = 8. next Int(); d = 6 b - 4 a a c; i) (d==0)

81 = (-b) /(29a)

```
System.out. front in ("Roots are red and equal").

System.out. front ("Roots = Root 2:" + >1);
else 1/ (250)
   81= ((-1) + Known. 39+1 (d)) / (donbre) (2+a);
    82 = ((-6) - (Mark - Sqrt (d)) / (double (2+9);
    System. out . front In (" 12000 are real and
      distinct");
     System.out. prouter ('Roote = " are 1 4"
            Basy 5 = " + + 5);
else of (d co)
   System. Out - printle (" Rrots are "maginary");
   DI = (-12) / (540),
   82 = Math. 8984 (-d) (1246),
    3/stem . out . printle (" Root 1 = " + " 1 +
    " + " + 621,
    System. oud. print (" Riot 1 =" + 8 1 +"-"
        + L5 );
```

bublic State word moin (String orgs)

f

System.out. frant (" Rishable, samessee");

Another q = New Onodrobic ();

q. get d();

q. compute ();

4

(a) A java program to find the area of the sectongle.

clan Rectangle Area of

bublic stake void main (string angle [])?

int length, breadth;

length = Integer. parte Int (angle[]);

breadth = Integer. parte Int (angle[]);

int area = length a breadth;

system.out. print In (" area = " + area);

ggstem. out. frint h (" area = " + area);

to find the foctorial (0) & Jana produce of a number clay factorial & public state word main (string angs []) int for = 1'i System. Out. printle ("Enter a number; "); Sconner sc = new Sconner (systemoly); int w= Sconext Intil; for Cort ;=1 ; K=n ; 644 18 for = fore; System . Out - printle (" Rishable , 18M22CS221); 3 gesten vont - print la ("Factorial: " + fac); The pord, diporal tus (Q) To find the given 5 gr digit Ent 18 palindrome or not clau poundrone of public state void main (string args []) int nit , sem , re= = 0; Scamer sc = new Scouner (systemin); System.out- print In ("Enter a 5 objet numbers"); n = sc. next Jut ();

3 \$ (0 < +) alido y (rev == n) 8 System. Out front on (" Parindrome")", System. Out. frint In ("not Polladrane "); chech whether the import a java. u !! ( ) class istrine & Static word inhome (PA n) { int i, m=0, Mag = 0; m= n/2 i) ( n==0 || n== 1 ) { System vout sporteln (n + "is not a forme number"); else g for (8:2; icm; in+) & if (volo (== 0)8 System out from ( n + " es nos a formen of J (log == 0) & System out frinten ( n x " is a former); public 8 taxe void main (8thing organ) ? int ? . Scorner 31 = new Scorner (87, sern -in);
System out frinkly ("Enter 9:"); " = 31 - next \* 200; isprinc(i);

(Q) Find Sum of 3 digues in a number. Sum of digits & public static void main ( swing argical & long number, sum; Scanner Sc = new Scanar ( Systemian); System out bout the con co. s.d. number = 80 next Long (1) for (sum =0; number 1=0; onumber (=10) } Bru o Bru + unupon + 10 System. our. primin ("sum of digits" - 18 mm); (a) Find the greatest sumber clan largestoneshool & State rold largest (Ent?, fort), int 10) & ) (?>= 5 DD ?>= K) ? System out point (E \* " 12 caregos"); (1) (1>-18-1 1>-10) Syster. our brimen (j. 1 " 13 the 10098+11