```
clan well 8 comms;

clan well 8 comms;

double a;

double b;

double C;
```

```
class Printlutos
  Stanic void Phint (){
  system-out-println ("Name: Disha H");
   eyelin-out-println ("Usu: 18423CSO95").
  Public class Quadratic Equation &
    Public Static Vaid main ( string [] args) {
     Printly fo. Print ();
   Scan un scan un = new - del Made) - Crast and
   Scan um ( System. in); 10 mm 15 mm of many mo motions
    well well; something and williams
  System out. printly (" Entre Leu coefficients of a, L, C: "),
  System. out . pri ut (" Enter to extra extra a: ");
    Well.a=
  scanus. wrt Dowle(); sa = salle Nad = + 1011 m alduch
     while (roeff. a == 0) {

Systemout. print ("Not a quadratic equation Phase enter
a houser value hy a: ");
        well.a=
    scanner nixt Dowle ();
   system.out. print ("Enter welficient b:");
      Wellib =
   Scanum. ur + Double ();
      System out print (" E who welficient c: ");
        well-c=
    Scanus · wrtDowle ();
      double d = well. 6 to elf. 6 - 4
     + west, a + co eff . ( )
```

```
double x1 = - (self. b/ (2 " (self. a))
 System.out. printly ("roots an un and equal.");
     Syrum.out. printlu ("Poots and root 2: "+ Y1);
                                                            au
    elseig(d>0)
  dowsle Yl = (- well. 6 + malh. sqrt(d)) (2 * well. a);
          doulerr= (-well. 6 = math. sqrt(d))/6 well.
    cystem. Out. println (" poots an equal and unique.");
   emplies. out. printly ("Poot 1:"+YI);
  eyetim.out.printle ("Poot 2: "+ + 2);
  else
 double malant = - well. 5/(2 well. 9);
do us le i maginary Part = mats. sqrt(-d)/(2 60eff.q).
 system.out. printlul" wolt an imaginary.");
applion. Out. printly ("pot1: " + nal Part +" + " + i'm aginary Part
  when out-privated "foot 2: "+ malport + "- "+ imaginary
    Scanm. close ();
                      extern he value of
```

u)

output: 1 8 12

Plu equ hous 2 mod roots: -6, -10

\* tents the value of a, 5, 1;

-the ext has 1 mod stoot: 1. 5

\* tents the value of a, 5, 1;

Plu equ hers comply wo ti: 1.5, 2.783