Public class Quadratic.

```
Public static void main ( strings args [J].

{   double A,b,C.

    double r1, r2;

    double d = b*b - 4a*c.

    if (d > 0)

    {
        r1 = (-b + math - sqvt (d).) / (2*a)
        r2 = (-b - math sqrt (d))/ (2*a)
        System out Printf ("  root 1 = -1-2f and root 2 =
                                                    -1-~f ",
                                            r1, r2);
    }
    else if (d == 0

    {
        r1 = r2  = -b/(2*a);
        system out Print f ("root 1 = root2 = 1. 2f", r1)?

    }.
    else

    {
        double r = -b /(2*a)
        double i = math sqvt (-d) /(2*a);
        System out Print f ("root 1 = 1-2F+ 1.2f i and
                                    root 2 = 1.2f +1.2f i "  r,i, r,i);
    }

}
```