

```
def int a;
def int b;
def int c;
def int sol = 0;
def int delta = a^2 - 4*b*c;
check (delta < 0) then
  print("There are no solutions!")
else check (delta == 0) then
  sol = -b / (2 * a);
  print("Solution is" + sol);
else
  sol = (-b + sqrt(delta)) / (2 * a);
  print("First solution is" + sol);
  sol = (-b - sqrt(delta)) / (2 * a);
  print("Second solution is" + sol);
```