

```
1 package functions
2
3 import scala.math.sqrt
4
5 object QuadraticFormula {
6
7     def quadraticFormula(a: Int,
8                           b: Int,
9                           c: Int
10                          ): List[Double] = {
11         List(
12             (-b + sqrt(b * b - 4 * a * c)) / (2 * a
13             ),
14             (-b - sqrt(b * b - 4 * a * c)) / (2 * a
15             )
16         ).distinct
17     }
18
19     def main(argv: Array[String]): Unit = {
20         println("Hello this is main of
21         QuadraticFormula")
22         println(quadraticFormula(1, 2, -3))
23         println(quadraticFormula(-1, 3, 7))
24     }
25 }
```