

## Practice 4 - If-Else

**Task 01:** Find quadratic roots with two exceptions:

- if first parameter (a) is zero, print equation is linear has only one root
- if discriminant is negative, print roots are imaginary
- otherwise print both roots

**Task 02:** Generate a random number in range 1-10. Ask user to guess the number and give three chances. If user guess correctly, print "Winner", otherwise print "You "Loser". In case user lose, print the generated number.

**Task 03:** Generate & Print three random number in range 1 to 10. Check, if they are at least two distance away from each other print 'Ok', otherwise print 'Sorry'.

**Task 04:** Input four random numbers in range 1-100000. Print them. Sort these numbers using one extra variable and conditions. Print them in ascending order, write a single print statement at the end only.