# Part A

1. length(), no parameters
2. text.trim()
3. String input = reader.getInput().trim();
4. String input = reader.getInput().trim().toLowerCase();
5. Boolean
6. if (input.equals("bye")) {
7. 1. java.util.random
   2. import java.util.Random;
   3. randomGenerator = new Random()
   4. int num = randomGenerator.nextInt(n);
   5. no
   6. 0 to 99
8. isEmpty()

# Part B