Exercise 11 for Students of Computer Science

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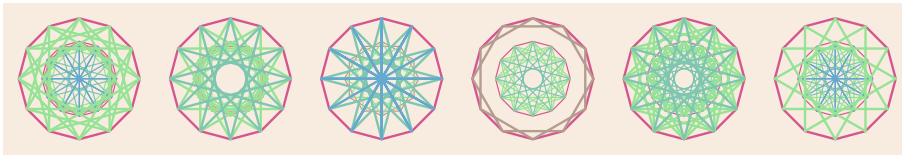
Uses of classes

Look for the answers to these questions in the online documentation for the Java API.

1. What kinds of classes do you find in the *java.util* package?

2. What kinds of classes do you find in the *java.awt.geom* package?

3. What kinds of classes do you find in the *javax.swing* package?

4. What kinds of classes do you find in the *java.awt.event* package?

5. Examine the documentation for the *java.lang.ArrayIndexOutOfBoundsException*.

   (a) What is the purpose of the class?

   (b) What is its super class (the parent class)? What is its grandparent class? Can you find other classes that model exception?

6. Examine the documentation for the *java.lang.Math* class. Look at the modifiers and types of the methods. What do the methods have in common?

7. What is *java.util.Collection*? What is *java.util.Collections*?

   Now, take a peek at *java.util.Arrays*.