

# Java Programming Revision Tool

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## **Contents**

# 1 Background

This section discusses several different existing artifacts, most relating to Java programming or another programming language. These tools were selected to provide design ideas for my own Java revision application, focusing on how each tool provides the user with the material to learn.

## 1.1 Investigation of Existing Artifacts

There are many methods of learning how to program in a new language and there are a huge number of applications available to teach users how to do so. I have broken down the existing artefacts into several categories, as shown in the image below.

**INSERT DIAGRAM!!!!!!!**

### 1.1.1 Static Learning Tools

- Java Puzzler
- Oracle

### 1.1.2 Interactive Tools

#### Guided Walkthroughs:

- Code Avengers
- CodeCademy
- Learn Java Online
- TryRuby

#### Free-Form Tools:

- GroovyConsole
- Compile Online

### 1.1.3 Quizzes

- Bitesize
- ProProfs
- Indiabix

#### **1.1.4 Community-based Support**

- Java Programming Community
- StackOverflow
- Wikipedia