

Here are also lists of the topics for Java Introduction and Advanced Levels:

Introduction Level: 6 problems cover the following topics:

1. Basic Syntax
2. Variables, constants, methods, basic classes
3. Mathematical Functions, Characters, and Strings
4. Loops: while, do-while, for, break, continue
5. Decision making statements: if/else, switch, conditional operator
6. One- dimensional array, Selection Sort, java.util.Arrays class
7. Reading from/writing to the file

Advanced Level: 6 problems cover the following topics:

1. Basic Syntax
2. Variables, constants, methods, basic classes
3. Mathematical Functions, Characters, and Strings
4. Loops: while, do-while, for, break, continue
5. Decision making statements: if/else, switch, conditional operator
6. One- dimensional array, Selection Sort, java.util.Arrays
7. Reading from/writing to the file
8. Objects and Classes
9. Inheritance
10. Lists
11. Strings
12. Searching
13. Sorting