

Java Basics Part 2 Notes

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1 Multiple Strings

- Multiple variables can be put in single formatted Strings.
- **Syntax:** `console.printf("%s ... %s ... ", VAR1, VAR2, ...)`

```
1  import java.io.Console;
2
3  public class Introductions {
4      public static void main(String[] args) {
5          Console console = System.console();
6          String name = console.readLine("Enter name:   "); // <-
7          Let's write 'Moe' here
8          String adjective = console.readLine("Enter adjective:  ")
9          ; // <- and 'glad to be with his love' here :)
10         console.printf("%s is very %s\n", name, adjective);
11     }
12 }
```

2 Exercise 1

- Solution included in *exercise_1.java*

3 Errors

4 Quiz 1

1. You will make mistakes

A. True

B. Yes

Answer: A, B

2. You will learn from your mistakes ;)

A. True

B. Yes

Answer: A, B

3. The Java compiler will tell you about syntax errors, such as ‘cannot find symbol’.

A. True

B. False

Answer: A

5 Coding the Prototype

```
1  import java.io.Console;
2
3  public class Introductions {
4      public static void main(String[] args) {
5          Console console = System.console();
6          String name = console.readLine("Enter name: ");
7          String adjective = console.readLine("Enter an adjective:
8
9          ");
10         String noun = console.readLine("Enter a noun: ");
11         String adverb = console.readLine("Enter an adverb: ");
12         String verb = console.readLine("Enter a verb ending in -
13         ing: ");
14
15         console.printf("Your TreeStory:\n-----\n");
16         console.printf("%s is a %s %s", name, adjective, noun);
17         console.printf("They are always %s %s\n", adverb, verb);
18     }
19 }
```

6 Exercise 2

- Solution included in *exercise_2.java*