

Java Basics Part 1 Notes

Team Treehouse

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1 Introuction to Your Tools

2 Quiz 1

1. Single line comments in Java begins with the following characters

- A. `/**`
- B. `??`
- C. `//`
- D. `\\`
- E. None of the above

Answer: C

2. The command line tool that is used to compile your program is

- A. `java`
- B. `compile`
- C. `ls`
- D. `javac`

Answer: D

3. Single line comments in Java begin with the following characters

- A. `java`
- B. `compile`

- C. ls
- D. javac

4. Java is a compiled language

- A. Yes
- B. No

Answer: A

3 Strings and Variables

- strings
 - Are written in double quotes or single quotes



- Are printed using `console.printf()`

* i.e.

```
1      public class Introductions {
2          public static void main(String[] args) {
3              Console console = System.console();
4              String firstName = "Ben";
5              console.printf("Hello, my name is %s\n",
6                  firstName);
7              console.printf("Craig is learning how to write
8                  Java\n");
9          }
10     }
```

4 Exercise 1

- Solution included in *exercise_1.java*

5 Receiving Input

- `readline`
 - Receives input from user's end
 - is in *Console* object
 - Is like *stdin* in C or *input* in Python

```
1  import java.io.Console;
2
3  public class Introductions {
4      public static void main(String[] args) {
5          Console console = System.console();
6          String firstName = console.readLine("What is your name
?    "); // <- Here :)
7          console.printf("Hello, my name is %s\n", firstName);
8          console.printf("Craig is learning how to write Java\n"
9      );
10     }
11 }
```

6 Exercise 2

- Solution included in *exercise_2.java*