

ACTIVITY 1

SECTION 1.1

EXCERCISES:

1

Done following the course example, also using a single loop

Result:

Hello, World

Hello, World

Hello, World

Hello, World

Hello, World

Hello, World

Hello, World

Hello, World

Hello, World

Hello, World

2

- a) Error: Main method not found in class Main
- b) Error: Main method is not static in class Main
- c) Error: Same as a), Main method not found in class Main
- d) Error: Same as a), Main method not found in class Main

3

- a) Error: Main method not found in class Main
- b) Error: Main method not found in class Main
- c) Error: java.lang.NoClassDefFoundError: vid
- d) Error: Main method not found in class Main

4

- a) Error: Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException: 0
- b) Error: % is not recognized as an internal or external command, operable program or batch file
- c) Result: Hi, 1234. How are you?
- d) Error: Could not find or load main class Hi.class
- e) Error: Could not find or load main class Hi.java
- f) Result: Hi, Alice. How are you?

5

Done

Result:

Hi, Carol, Bob, and Alice

WEB EXERCISES

1

Done

Result:

```
*****      *****      **      *****
**  ****      **      **      **      ***      ***
**  ****      **      **      **      **
**  ****      **      **      **      **
*****      **      **      **      **
**  ****      **      **      **      **
**  ****      **      **      **      **
**  ****      **      **      **      **      ***      ***
**      ****      *****      *****      *****
```

2

- a) Error: Main method not found in class HelloWorld, please define the main method as:

```
public static void main(String[] args)
```

- b) Error: Main method not found in class HelloWorld, please define the main method as:

```
public static void main(String[] args)
```

- c) EMPTY

- d) Exception in thread "main" java.lang.Error: Unresolved compilation problem:

The method println(String) is undefined for the type HelloWorld

atHelloWorld.main(HelloWorld.java:3)

- e) Exception in thread "main" java.lang.Error: Unresolved compilation problem:

The method out(String) is undefined for the type System

atHelloWorld.main(HelloWorld.java:3)

3

- a) Exception in thread "main" java.lang.Error: Unresolved compilation problem:

Syntax error, insert ";" to complete BlockStatements

atHelloWorld.main(HelloWorld.java:4)

- b) Exception in thread "main" java.lang.Error: Unresolved compilation problems:

Syntax error on token(s), misplaced construct(s)

Hello cannot be resolved to a type

Syntax error, insert ";" to complete BlockStatements

String literal is not properly closed by a double-quote

String literal is not properly closed by a double-quote

atHelloWorld.main(HelloWorld.java:4)

- c) Exception in thread "main" java.lang.Error: Unresolved compilation problem:

String literal is not properly closed by a double-quote

atHelloWorld.main(HelloWorld.java:4)

- d) Exception in thread "main" java.lang.Error: Unresolved compilation problem:

atHelloWorld.main(HelloWorld.java:3)

- e) Exception in thread "main" java.lang.Error: Unresolved compilation problem:
Syntax error on token ")", { expected after this token
atHelloWorld.main(HelloWorld.java:3)
- f) Exception in thread "main" java.lang.Error: Unresolved compilation problem:
Syntax error, insert "}" to complete ClassBody
atHelloWorld.main(HelloWorld.java:6)
- g) Exception in thread "main" java.lang.Error: Unresolved compilation problem:
Syntax error, insert "}" to complete ClassBody
atHelloWorld.main(HelloWorld.java:5)

4

- a) Error: Main method not found in class HelloWorld, please define the main method as:
public static void main(String[] args)

- b) Exception in thread "main" java.lang.NoClassDefFoundError: [LSring;
at java.lang.Class.getDeclaredMethods0(Native Method)
at java.lang.Class.privateGetDeclaredMethods(Unknown Source)
at java.lang.Class.getMethod0(Unknown Source)
at java.lang.Class.getMethod(Unknown Source)
at sun.launcher.LauncherHelper.getMainMethod(Unknown Source)
at sun.launcher.LauncherHelper.checkAndLoadMain(Unknown Source)

Caused by: java.lang.ClassNotFoundException: Sring

at java.net.URLClassLoader\$1.run(Unknown Source)
at java.net.URLClassLoader\$1.run(Unknown Source)
at java.security.AccessController.doPrivileged(Native Method)
at java.net.URLClassLoader.findClass(Unknown Source)
at java.lang.ClassLoader.loadClass(Unknown Source)
at sun.misc.Launcher\$AppClassLoader.loadClass(Unknown Source)
at java.lang.ClassLoader.loadClass(Unknown Source)

... 6 more

- c) Result = Hllo World
- d) Exception in thread "main" java.lang.Error: Unresolved compilation problem:
Sstem cannot be resolved
atHelloWorld.main(HelloWorld.java:4)
- e) Exception in thread "main" java.lang.Error: Unresolved compilation problem:
The method pintln(String) is undefined for the type PrintStream
atHelloWorld.main(HelloWorld.java:4)

5

=> Error: Main method not found in class HelloWorld, please define the main method as:

public static void main(String[] args)

Is missing the "String[] args"