

Lab 01 – Java programming and debugging

Program Exercise1

File name: C:\Users\enriq\Documents\Langara Computer Science\CPSC 1150\lab01\Exercise1.java

Purpose: Print student initials.

Input: No input required for this program.

Output: Student initials display in terminal.

Program Sample (Exercise 2)

File name: C:\Users\enriq\Documents\Langara Computer Science\CPSC 1150\lab01\Sample.java

Errors:

- ```
Sample.java:3: error: unmappable character (0x93) for encoding UTF-8
 system.out.println(?Hello from ABC in CPSC 1150!);
```

  - This error means that java has found a character which is not represented in UTF-8 on line 3. To fix it, the character must be removed or changed for the correct character. In this case the question mark to "".
- ```
Sample.java:1: error: class, interface, enum, or record expected
Public
^
```

 - On line 1, java can't recognize the 'public' class because it's been misspelled. To fix this it must be corrected, from 'Public' to 'public'.
- ```
Sample.java:3: error: unclosed string literal
 system.out.println("Hello from ABC in CPSC 1150!);
 ^
```

1 error

  - On line three, the string literal is unclosed. To fix the problem the string inside .println() must be closed with "".
- ```
Sample.java:1: error: class Exercise2 is public, should be declared in a file named Exercise2.java
public class Exercise2 {
^
```

 - The file name and the public class don't have the same name. To fix it, the name of the class must be changed to 'Sample'.
- ```
Sample.java:3: error: package system does not exist
 system.out.println("Hello from ABC in CPSC 1150!");
 ^
```

  - Java can't recognize the package because it's misspelled. To fix it, it must be changed to 'System'.
- The file was successfully compiled.