**SSW 555 Agile Methods for Software Development**

**Project 2**

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Purpose: Practice programming with GEDCOM data

**Assignment:**

Since the project teams will not be formed until after this assignment is due, you will need to do this project assignment on your own.

**1. Create a small GEDCOM file to use in testing your program. You may reuse the file you submitted for assignment P01 or create a new one. Make sure that it includes a NOTE record at the beginning with your name.**

**Answer:**

I like to reuse the “P01 (10400573) export-BloodTree.ged” file which was create in P01.

**2. Write a short program that:**

**a. Reads each line of a GEDCOM file**

**b. Prints each line**

**c. Prints the level number of each line**

**d. Prints the tag of each line that has a valid tag for our project, or prints "Invalid tag"**

**Answer:**

**import** java.io.\*;

**public** **class** Agile {

**public** **static** **void** main(String[] args) {

**try**

{

FileInputStream fs = **new** FileInputStream("P01(10400573)export-BloodTree.ged");

DataInputStream in = **new** DataInputStream(fs);

BufferedReader br = **new** BufferedReader(**new** InputStreamReader(in));

String value1 ;

**while** ((value1 = br.readLine()) != **null**)

{

System.*out*.println (value1);

String[] info;

info = value1.split(" ");

System.*out*.println(info[0]);

System.*out*.println(info[1]);

System.*out*.println ("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

}

in.close();

}

**catch** (Exception ex)

{

System.*err*.println("Error: " + ex.getMessage());

}

}

}