CSCD 210
Lab 1

SPECIFICATIONS:

1) Refer to the document for creating a project in Eclipse
   a. Create a project name Lab1 in Eclipse
   b. Add a package to the Lab1 project named cscd210Lab1
   c. Add a class to the package cscd210Lab1 named CSCD210Lab1

2) In the Java file named CSCD210Lab1 add the two lines below.

```
import java.util.Scanner;
import java.text.DecimalFormat;
```

These two lines are placed between the statement

```
package cscd210Lab1; and public class CSCD210Lab1 {
```

3) Add the following code within the {} for main

```
int shoeSize, bYear;
Scanner kb = new Scanner(System.in);

System.out.print("Please enter your shoe size (no half sizes) ");
shoeSize = kb.nextInt();

System.out.print("Please enter your birth year (yyyy) ");
bYear = kb.nextInt();

DecimalFormat fmt = new DecimalFormat("00,00");

System.out.println("You shoe size is the numbers before the comma "
            + "and your age (presuming you've had your bday for 2019) "
            + "is the numbers after the comma "
            + fmt.format(( (shoeSize * 5 + 50) * 20 + 1019 -  bYear)) );
```

4) Save the code
5) Compile the code
6) Run the code at least 3 times and capture the output
   a. Use the number 0 for both
   b. Use the real numbers that answer the questions
   c. Don't use numbers, instead type a word
7) Name your output file **cscd210lab1out.txt**

THE COMPLETE CODE:

```java
package cscd210Lab1;

import java.util.Scanner;
import java.text.DecimalFormat;

public class CSCD210Lab1 {

	public static void main(String[] args)
	{

		int shoeSize, bYear;
		Scanner kb = new Scanner(System.in);

		System.out.print("Please enter your shoe size (no half sizes) ");
		shoeSize = kb.nextInt();

		System.out.print("Please enter your birth year (yyyy) ");
		bYear = kb.nextInt();

		DecimalFormat fmt = new DecimalFormat("00,00");

		System.out.println("You shoe size is the numbers before the comma "
				+ "and your age (presuming you've had your bday for 2019) "
				+ "is the numbers after the comma "
				+ fmt.format(( (shoeSize * 5 + 50) * 20 + 1019 -  bYear)) );

	}// end main

}// end class
```

TO TURN IN:

A zip file that contains:

- Your Lab1 folder

  Lab 1 folder will contain:
     - cscd210lab1out.txt
     - a folder named cscd210Lab1

  cscd210Lab1 folder will contain:
       - CSCD210Lab1.java

Name the zip file your last name first letter of your first name lab1.zip
(Example: steinerslab1.zip)

NOTE: no capitalization for the zip name