

COP3337
Assignment 4

Consider an interface

```
public interface NumberFormatter
{
    String format (int n);
}
```

Provide four additional classes that implement this interface.

- A DefaultFormatter formats an integer in the usual way.
- A DecimalSeparatorFormatter formats an integer with decimal separators; for example, one million as 1,000,000.
- An AccountingFormatter formats negative numbers with parenthesis; for example, -1 as (1).
- A BaseFormatter formats the number as base n, where n is any number between 2 and 36 that is provided in the constructor.

I have provided the test class which should be included in the submission. It is called NumberFormatterTester.java. Please do not change this class.

Your project should have six classes included in the submission.

Follow all directions in the COP3337 Class Rules for Submitting Programs.

Please use the file > export > to zip option in NetBeans. The zip file should be named FirstNameLastNameA4.zip.