CSCI-102 Programming II

Lab 1 Part B

Create an abstract class named **AbstractClass**. Include in the class the following:

- •An instance variable that is initialized.
- •An uninitialized abstract instance variable.

- •A static variable that is initialized.
- •An uninitialized abstract static variable.

- •A constructor with a code block
- •An abstract constructor.

- •A method with a code block.
- •An abstract method.

Compile the abstract class and comment out the parts that will not compile.

Create an interface named **InterfaceClass**. Include in the class the following:

- •An instance variable that is initialized.
- •A static variable that is initialized.

- •A constructor with default code block
- •A constructor's signature without a code block

- •A method with default code block.
- •A method's signature without a code block.

- •A static method with default code block.
- •A static method's signature without a code block.

Compile the interface and comment out the parts that will not compile.

Create a class named **Foo** that extends the abstract class and inherits the interface. Add the code required by the abstract class and Interface. Compile **Foo**.

Create a program named **Driver** that creates an instance of **Foo**, prints the values of all of its fields, and prints all of the values returned by its available methods.