CS620c
Using the BlueJ IDE and a little bit from before.

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Possible choices of IDEs

BlueJ – The interactive Java environment

http://www.bluej.org/

Very good environment for learning object oriented aspects of Java will be used for CS142. Primary demonstration tool used in lectures

JCreator
SPEED, RELIABILITY, USER FRIENDLINESS

http://www.jcreator.com/

The free version is a lightweight system that provides a gentle start to Java but has no auto-complete or debugger.
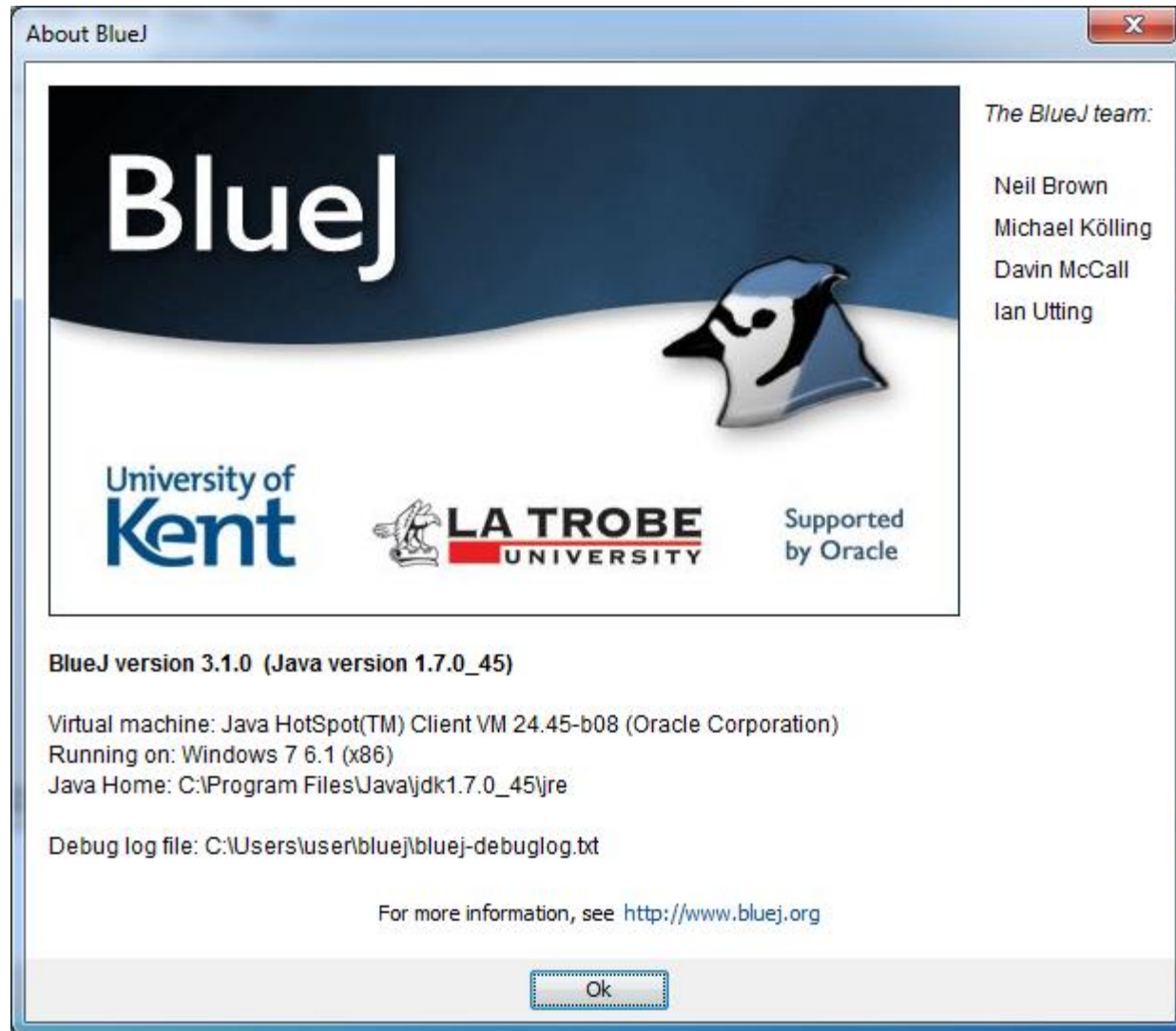

eclipse

http://www.eclipse.org/

Very comprehensive tool used by many professionals. It has auto-complete and debugger. Bigger learning overhead at start.
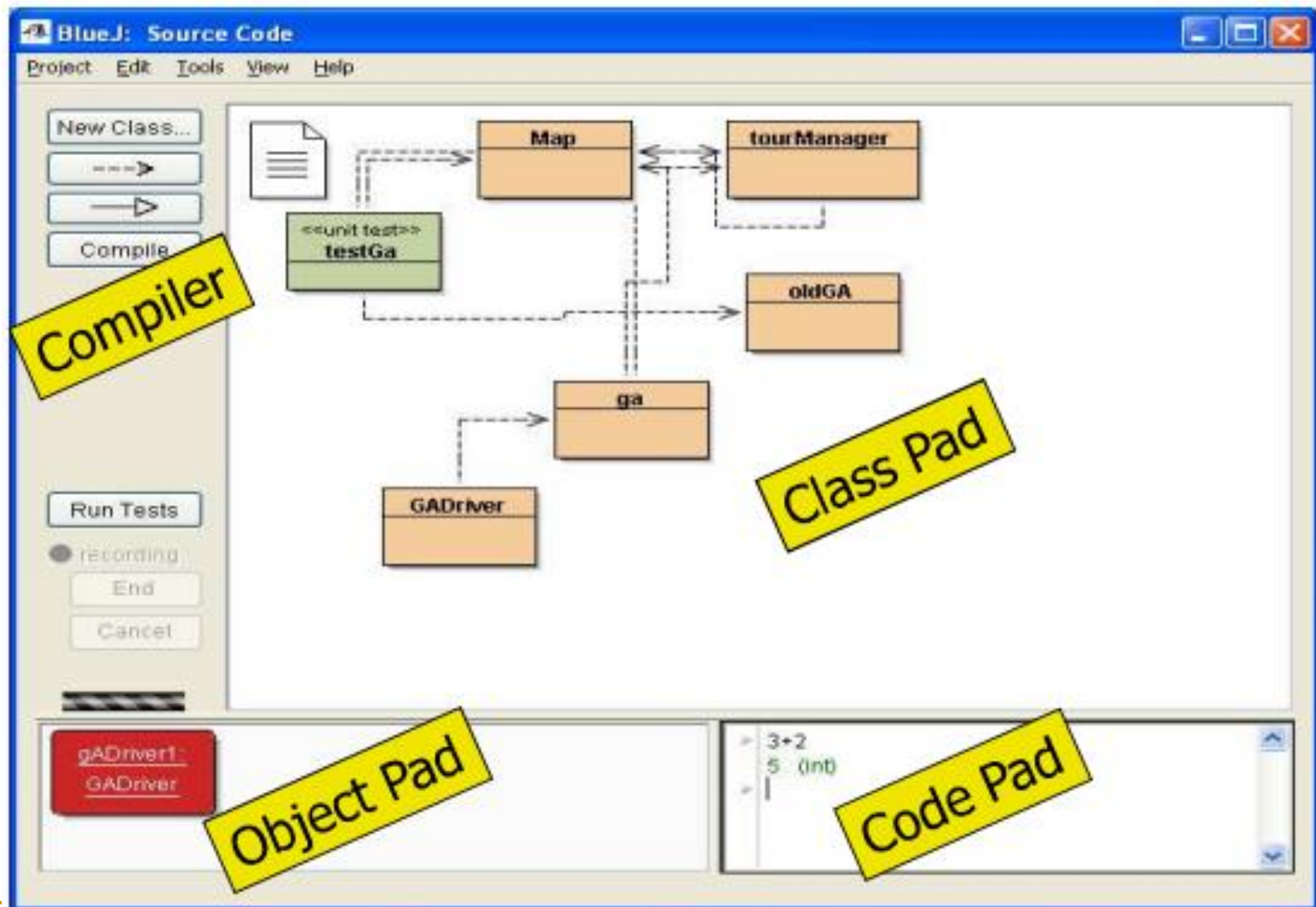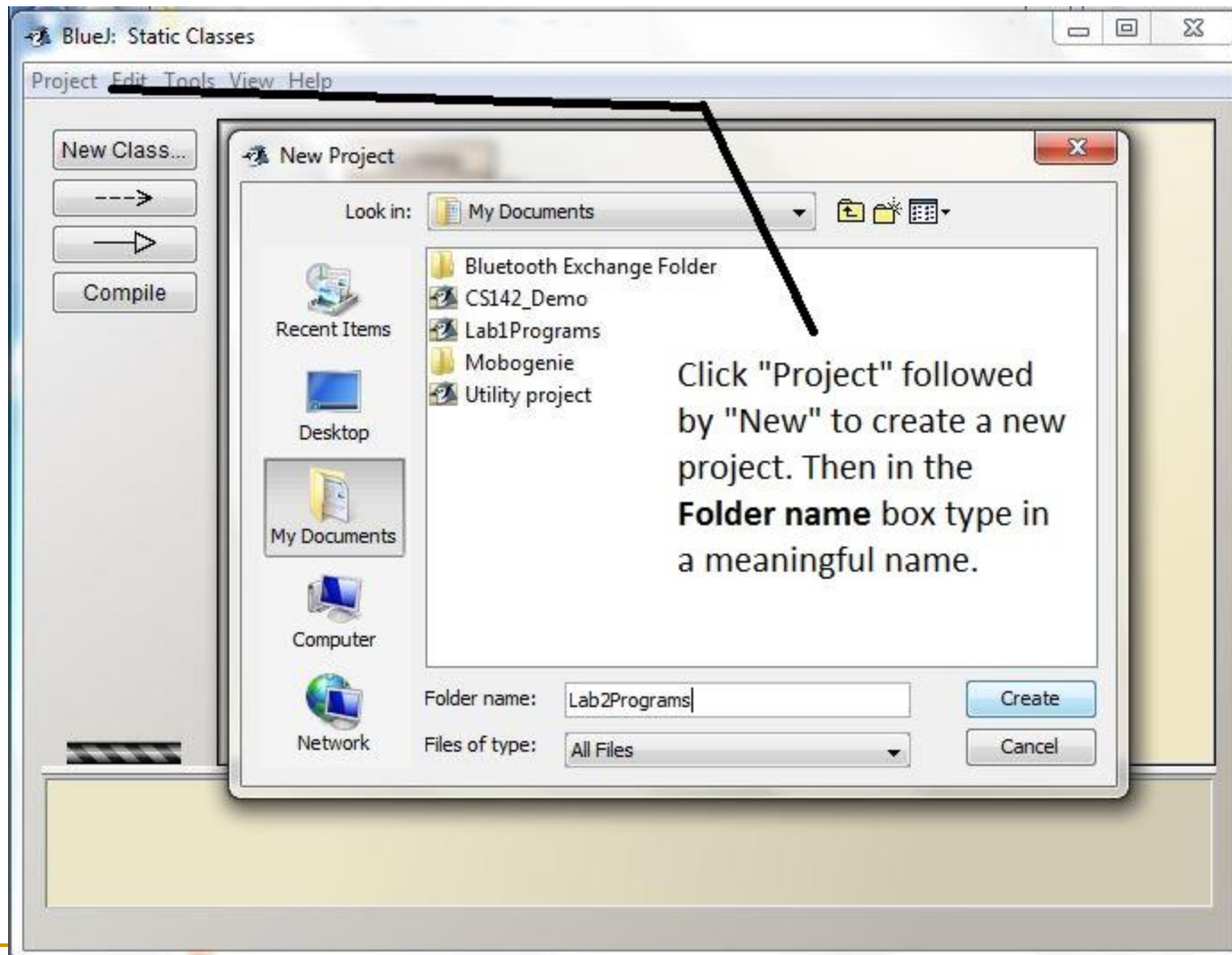
BlueJ (Primary IDE for CS142)

The BlueJ IDE

- We will use the BlueJ IDE (Integrated Development Environment)

- BlueJ includes a:
  - Compiler
  - Editor window
  - Output console
  - Object pane
  - Class pane
  - Code Pad
  - Debugger

- BlueJ was specifically designed to help you learn Java
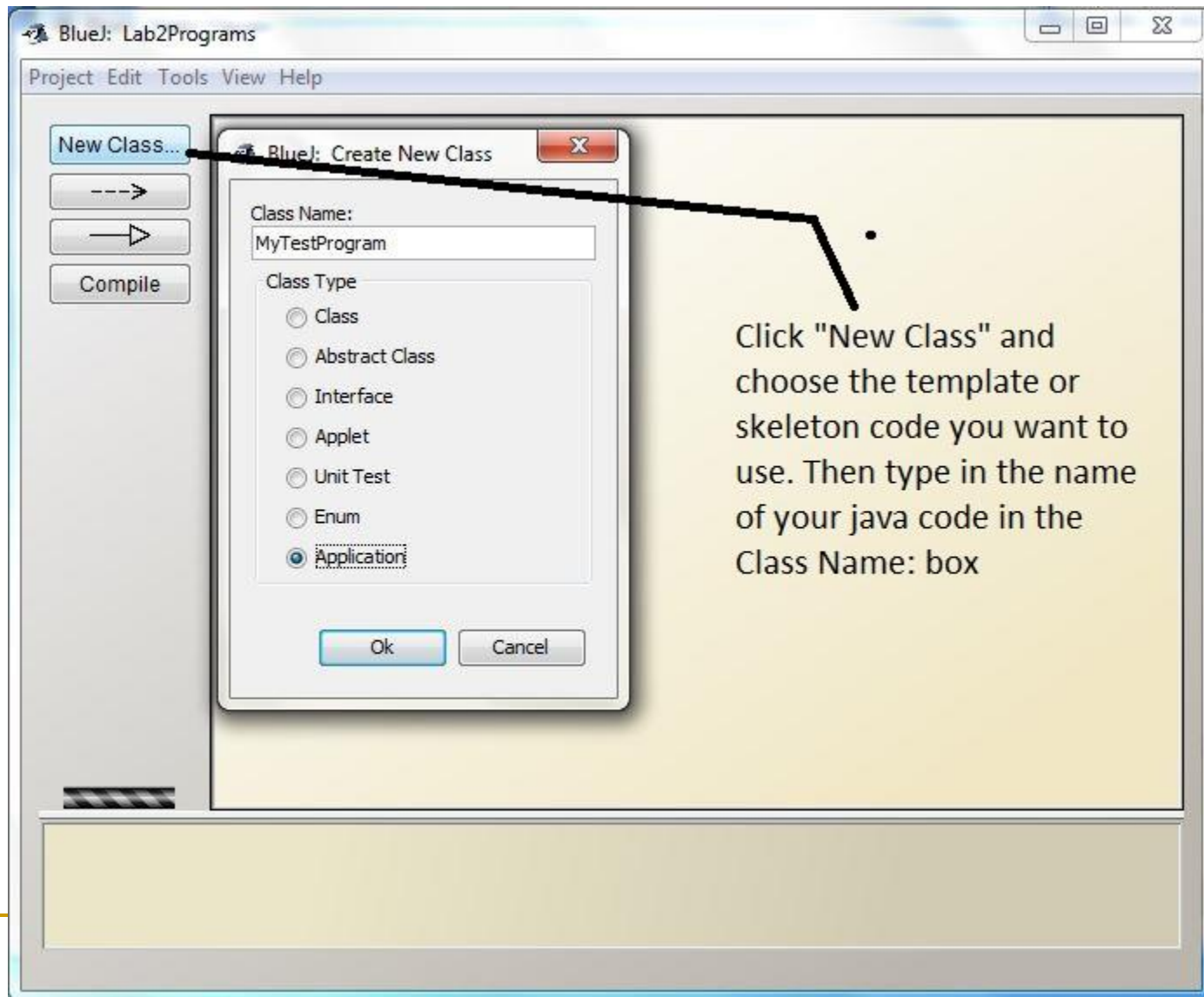
BlueJ IDE work space window.
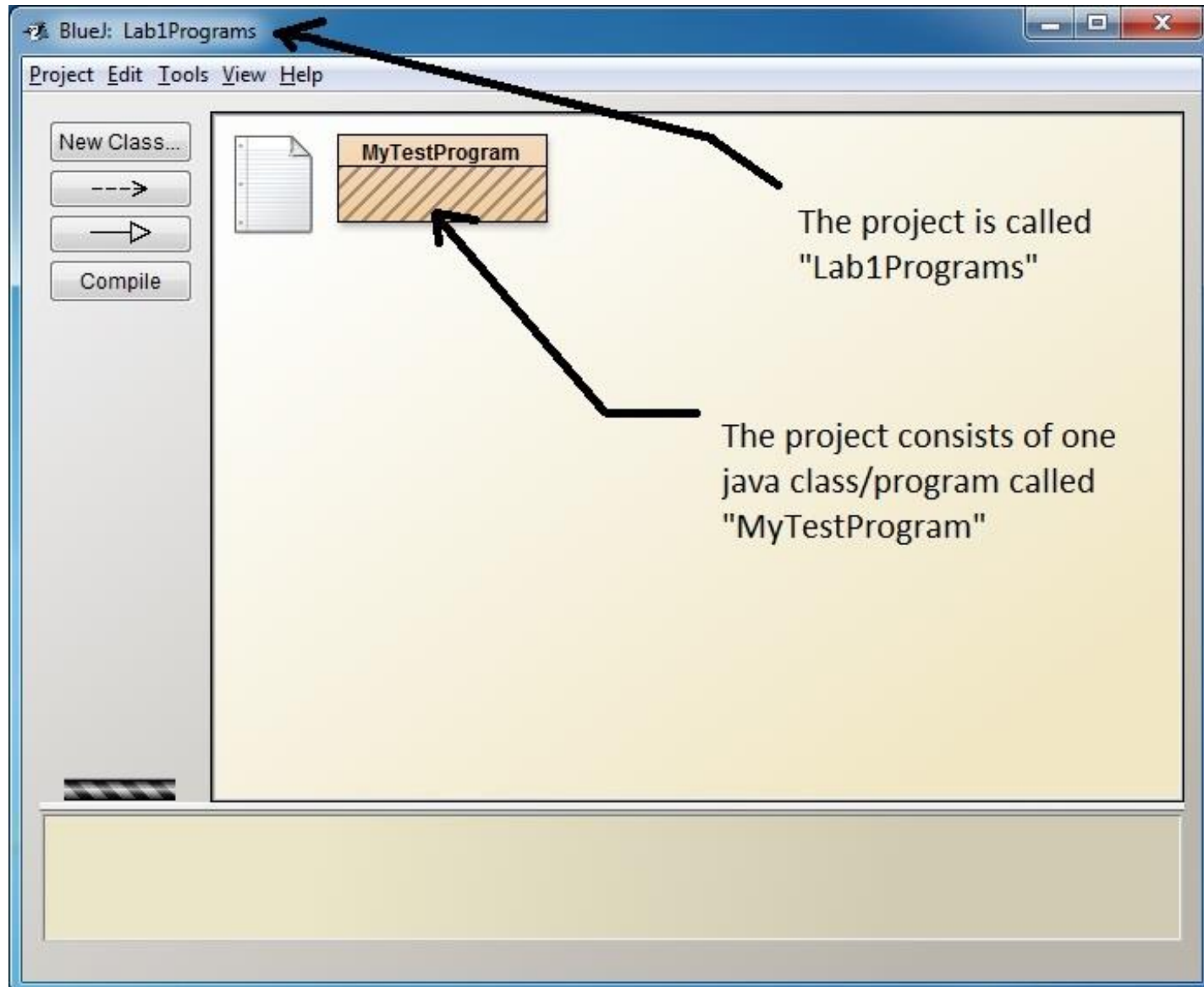
Creating a project in BlueJ

Creating a java file within a project

Click "New Class" and choose the template or skeleton code you want to use. Then type in the name of your java code in the Class Name: box
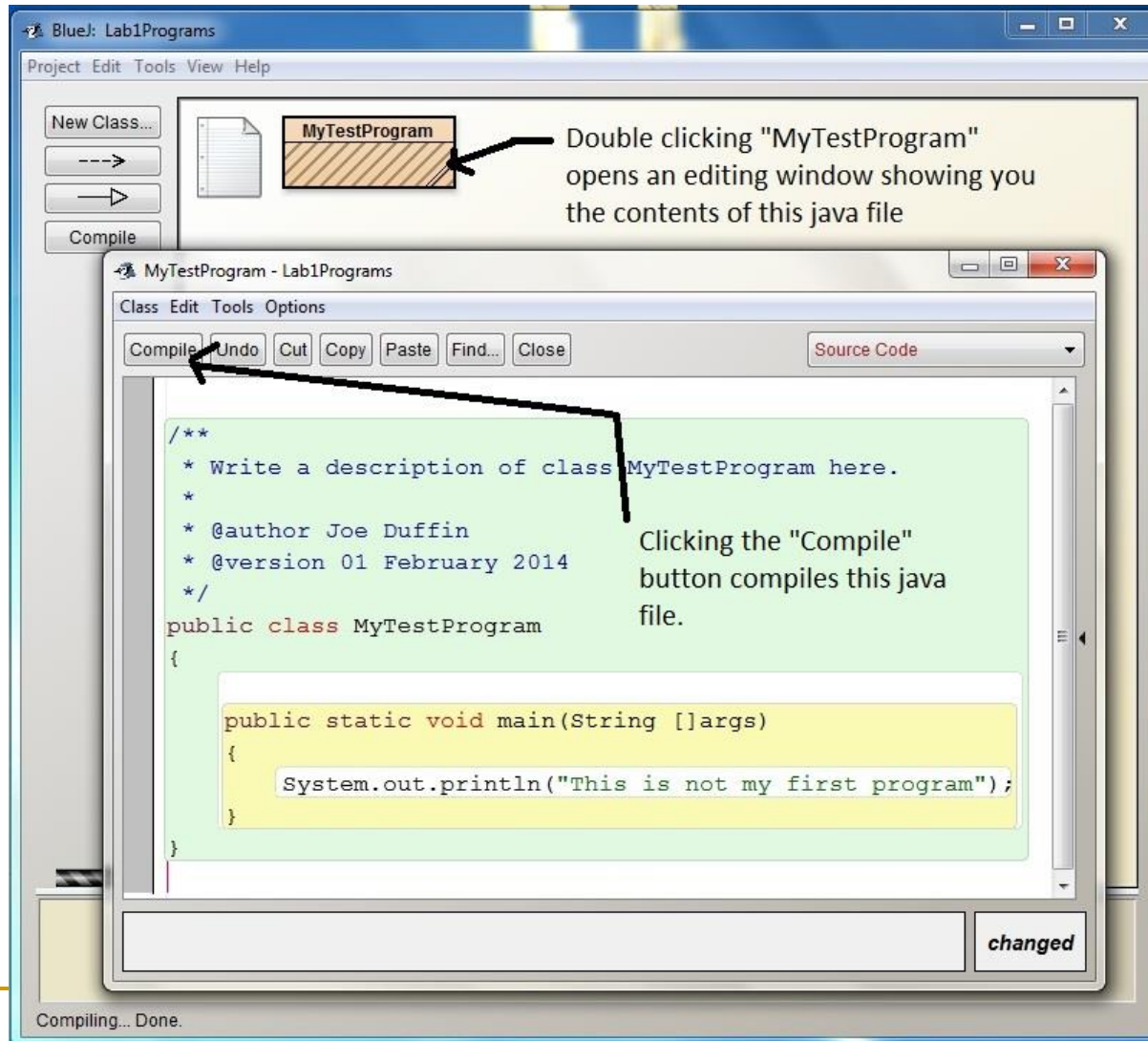
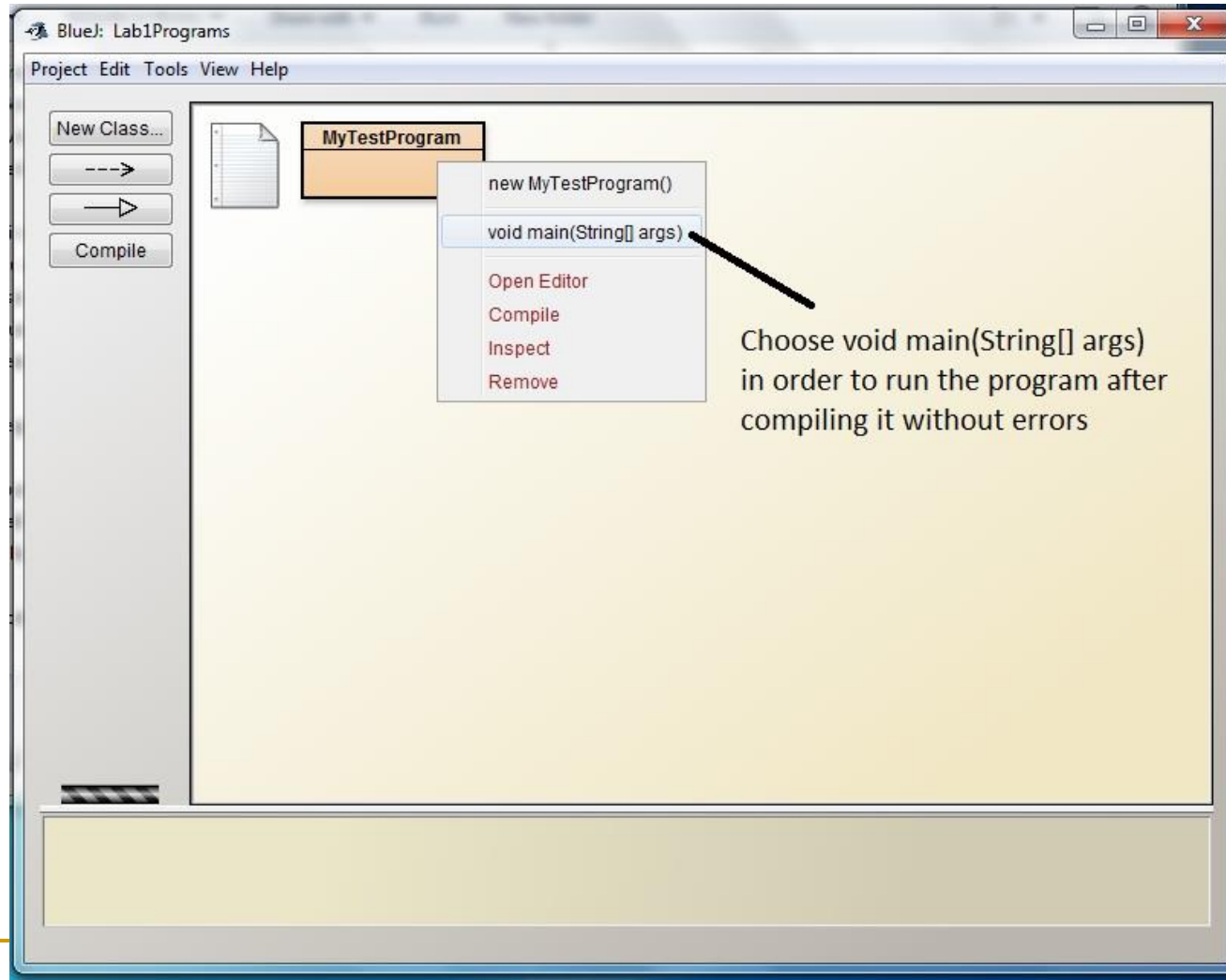# The BlueJ project Lab1Programs containing a single java program.

Editing and compiling a program

Running a program in BlueJ

Terminal window displaying output.