
Week 07

COMP 102

Victoria University of Wellington

GoSoapBox

- Gosoapbox.com
 - Access code: comp102
- Use Social Q&A to ask questions
 - Please don't use Zoom
 - Questions on Zoom “disappear”

Various items

- Week 07 test
 - Thursday (28/04) 17:00-18:00
 - This gives you enough time to plan (e.g. ask permission from employers)
 - If you have a good reason you cannot do this time please let me know.
 - e.g. I am in the USA and it will be at the middle of the night, or I will be travelling by plane
 - Online test
 - you have access to labs CO219, CO238, and CO242
 - If you do it from home, you must have
 - Internet connection
 - ~~• OBS running and working~~
 - BlueJ
 - Blackboard access

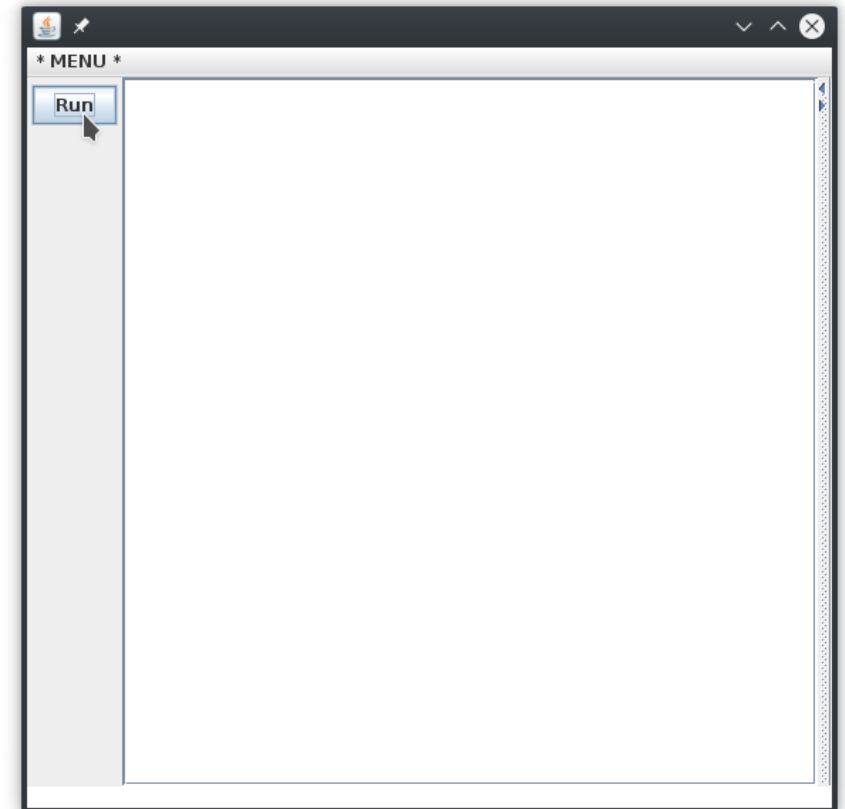
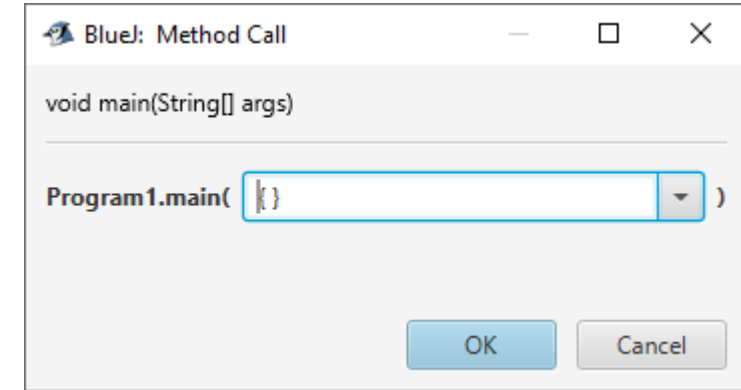
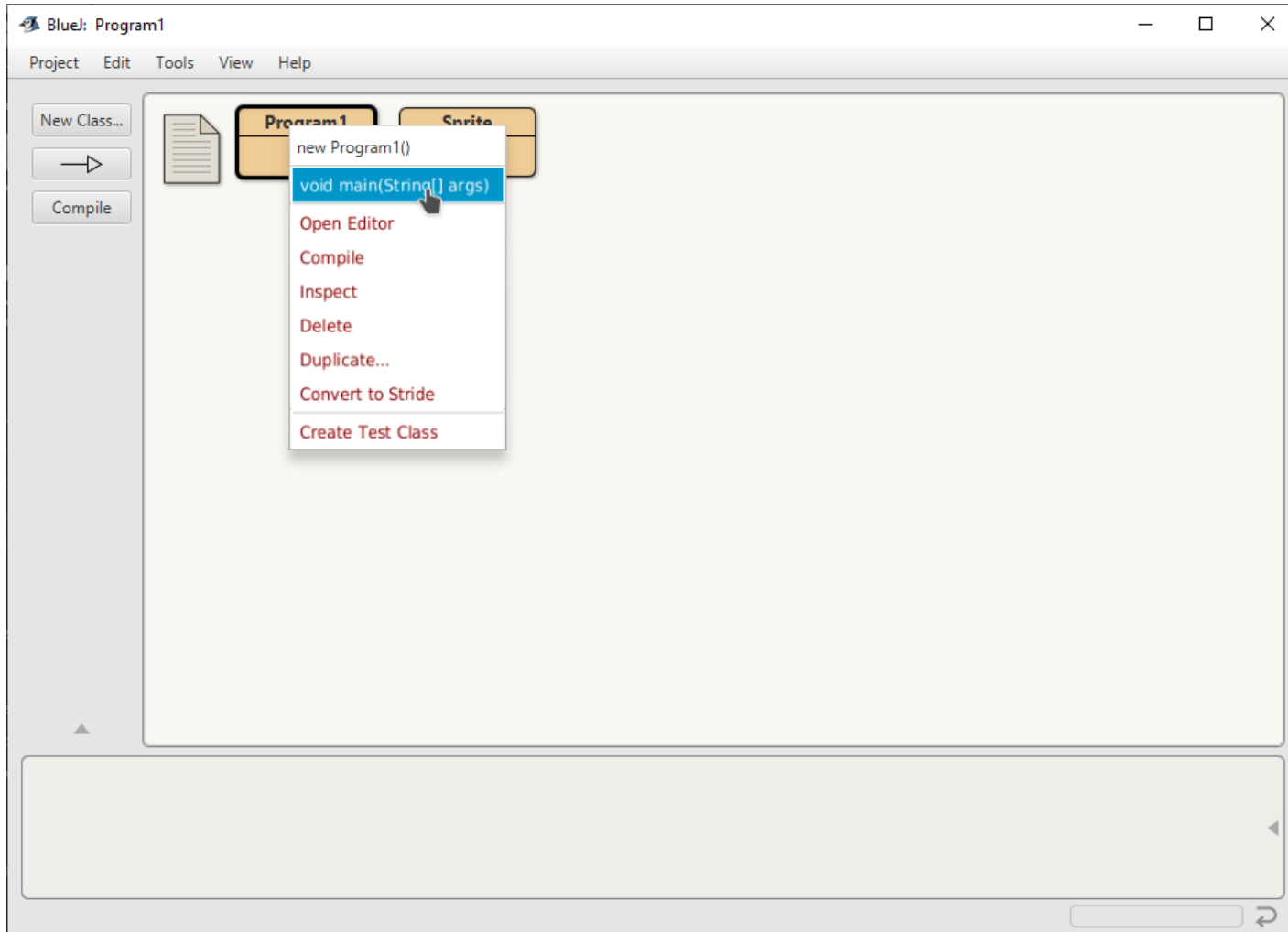
Questions about the Test

From the test

- **Running the code:**

1. Download the BlueJ project [Program1.zip](#)
2. Unzip the file, and open the project in BlueJ
3. You need to change the class: Program1
4. To run the class, right-click and select 'void main(String[] args)'. Hit 'OK' when it prompts you for arguments.
5. The UI that pops up will have a 'Run' button that will execute the code for the question, once you've written it.

From the test



Revisit what we have covered

- Variables and Assignment
- Conditionals (if-then-else)
- Looping (while, for, do/while, foreach)
- Methods and calling methods
 - `object.methodName();`
 - `object.methodName(argument1,argument2);`
 - `public void methodName(type parameter1, type parameter2) { ... }`
 - `int var = object.methodName(argument1,argument2);`
 - `public int methodName(type parameter1, type parameter2) { ... ; return num;}`

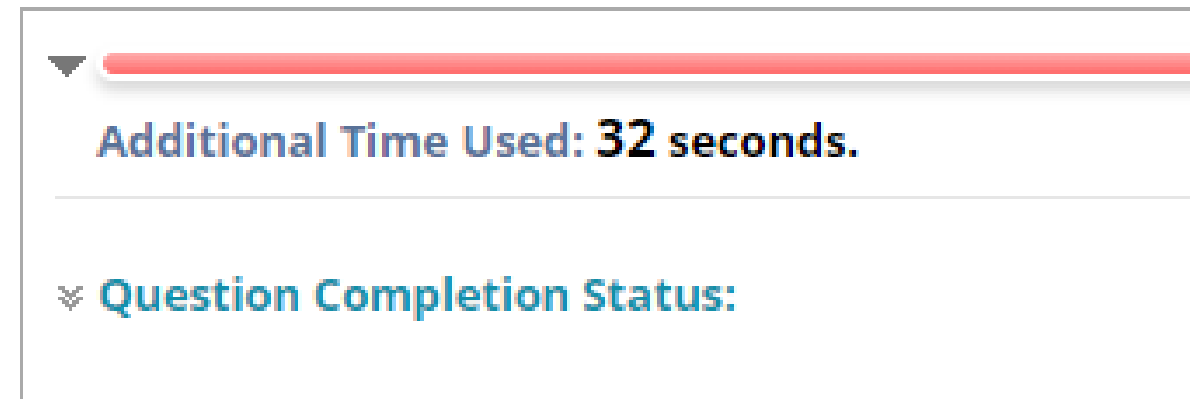
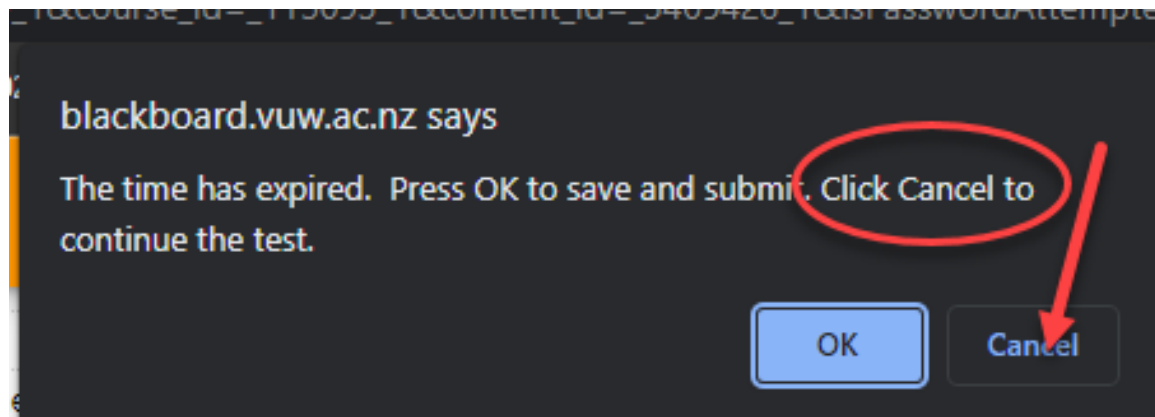
Revisit what we have covered

- Write files
 - `PrintStream outfile = new PrintStream(Path.of(UIFileChooser.save("Filename to save to")));`
- Read files
 - `List<String> allLines = Files.readAllLines(Path.of(fileName));`
- Read files using scanners
 - `Scanner scan = new Scanner(Path.of(fname));`
 - `while(scan.hasNext())`
 - `while(scan.hasNextDouble())`
 - `double number = scan.nextDouble();`

Online Test

About 10% of students experienced an issue at the end of the test yesterday.

- Last night and this morning, I investigated the issue.
 - I am happy to report that the test was set up correctly
 - There are seemingly no bugs in Blackboard
 - I have tested the functionality on several systems
- It was apparently a user mistake



My last session is coming soon

- Sharon Gao will take over lecturing
- Bach Nguyen will take over the Tuesday workshops

- Please fill in the teaching survey

Ghost Class
