TDD experiment – Post questionnaire

ID: _____

Which approach did you feel comfortable the most?

Test-driven development   Test last

How confident are you in the code you wrote during the training?

not confident				very confident

How confident are you in the possible changes you could make to the code you wrote during the training without breaking things?

not confident				very confident

How confident are you in the possible reuse of the code you wrote during the lab classes?

not confident				very confident

Do you think it is a good idea to write automated unit tests with assert() statements?

not confident				very confident

Which approach do you think produces code with fewer defects?

Test-driven development   Test last

Which approach do you think produces a correct solution in less time?

Test-driven development   Test last

Which approach do you think is more likely to thoroughly test a program?

Test-driven development   Test last

Which you think is a reasonable test code coverage percentage achievable

	< 25%	25-50%	50-75%	75% >
Using Test-driven development				
Using Test last development				

Based on the exercise done in the lab, what is most impacted by Test-driven development?

☐ Number of found bugs
☐ Design quality / Internal quality
☐ Coding effort
☐ Code confidence or awareness

What do you think is the most important reason for NOT adopting test-driven development?

☐ Impossibility to cover all the bugs even with test-driven development
☐ Lack of support from the tools and/or IDE
☐ Difficulties in shifting the mindset from test-last to test-driven development
☐ Effort required for writing test

Which do you think would have been the best approach for the lab class exercises?
Test-driven development   Test last

How much do you think you conformed to test-driven development cycle during this exercises (excluding session #6)?

not conformed				fully conformed

Which kind of granularity of the requirements you preferred for the lab exercises?

☐ Fine grained tasks (i.e. Bowling score keeper exercise)
☐ Coarse grained tasks (i.e. Poker Hands exercise)

Which kind of granularity you think suits best the test-driven development approach?

☐ Fine grained tasks (i.e. Bowling score keeper exercise)
☐ Coarse grained tasks (i.e. Poker Hands exercise)

Which kind of granularity you think suits best the test last development approach?

☐ Fine grained tasks (i.e. Bowling score keeper exercise)
☐ Coarse grained tasks (i.e. Poker Hands exercise)

Free form comments and feedbacks