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UL Student number: **21179735**

Assignment: Assignment **1**

Date of Submission: **26/09/2021**

STUDENT PLAGIARISM DISCLAIMER FORM

PLAGIARISM DISCLAIMER

STUDENT NAME: Laura Dvits

STUDENT NUMBER: 21179735

PROGRAMME: BSc Computer Science

YEAR: 3

MODULE: CS4004

LECTURER: Salim Saay

ASSIGNMENT TITLE: LAB1 Assessment

DUE DATE: 28/09/2021

DATE SUBMITTED: 26/09/2021

ADDITIONAL INFORMATION: _____

I understand that plagiarism is a serious academic offence, and that UL deals with it according to the UL Policy on Plagiarism.

I have read and understand the UL Policy on Plagiarism and I agree to the requirements set out therein in relation to plagiarism and referencing. I confirm that I have referenced and acknowledged properly all sources used in preparation of this assignment. I understand that if I plagiarise, or if I assist others in doing so, that I will be subject to investigation as outlined in the UL Policy on Plagiarism.

I understand and agree that plagiarism detection software may be used on my assignment. I declare that, except where appropriately referenced, this assignment is entirely my own work based on my personal study/or research. I further declare that I have not engaged the services of another to either assist in, or complete this assignment.

Signed:



Dated:

26/09/2021

Assignment 1 –

https://github.com/lduits/assignment1_21179735

```
Last login: Sun Sep 26 15:41:16 on ttys000
-bash: EOF: command not found

The default interactive shell is now zsh.
To update your account to use zsh, please run 'chsh -s /bin/zsh'.
For more details, please visit https://support.apple.com/kb/HT208050.
(base) MacBook-Pro-van-Laura:~ lauraduits$ cd Desktop/assignment1_21179735
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ ls
Assignment 1.txt      JUnitTesting      LICENSE             README.md
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ git config --global user.name "Laura"
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ git config --global user.email "21179735@studentmail.ul.ie"
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        .DS_Store
        .classpath
        .gitignore
        .project
        Assignment 1.txt
        JUnitTesting/

nothing added to commit but untracked files present (use "git add" to track)
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ git add .DS_Store
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        new file:   .DS_Store

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        .classpath
        .gitignore
        .project
        Assignment 1.txt
        JUnitTesting/

(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ git add .classpath
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ git add .gitignore
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ git add .project
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ git add Assignment1.txt
fatal: pathspec 'Assignment1.txt' did not match any files
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ git add Assignment 1.txt
fatal: pathspec 'Assignment' did not match any files
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ git add "Assignment 1.txt"
fatal: pathspec 'Assignment 1.txt' did not match any files
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ git add *.txt
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ git add JUnitTesting/
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        11 files changed, 116 insertions(+), 1 deletion(-)
create mode 100644 .DS_Store
create mode 100644 .classpath
create mode 100644 .gitignore
create mode 100644 .project
create mode 100644 Assignment 1.txt
create mode 100644 JUnitTesting/.gitignore
create mode 100644 JUnitTesting/JUnitTesting/.classpath
create mode 100644 JUnitTesting/JUnitTesting/.project
create mode 100644 JUnitTesting/JUnitTesting/.settings/org.eclipse.jdt.core.prefs
create mode 100644 JUnitTesting/JUnitTesting/test/junittest/.gitignore
create mode 100644 JUnitTesting/JUnitTesting/test/junittest/Calculator.java
create mode 100644 JUnitTesting/JUnitTesting/test/junittest/CalculatorTest.java
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$ git push
Enumerating objects: 19, done.
Counting objects: 100% (19/19), done.
Delta compression using up to 8 threads
Compressing objects: 100% (14/14), done.
Writing objects: 100% (18/18), 2.75 KiB | 2.75 MiB/s, done.
Total 18 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/lduits/assignment1_21179735.git
da32385..18793b2  main -> main
(base) MacBook-Pro-van-Laura:assignment1_21179735 lauraduits$
```

Package ExplorerJUnit

JUnit

Finished after 0.086 seconds

Runs: 2/2 Errors: 0 Failures: 1

JUnit Test Results

CalculatorTest (Runner: JUnit 5) (0.017 s)

testAdd() (0.017 s)

testSubtract() (0.001 s)

Failure Trace

Calculator.java

1 package test.junittest;

2

3 public class Calculator {

4 public int add(int a, int b) {

5 return a + b;

6 }

7

8 public int subtract(int a, int b) {

9 return a - b;

10 }

11 }

12

CalculatorTest.java

1 package test.junittest;

2

3 import static org.junit.jupiter.api.Assertions.*;

4

5 class CalculatorTest {

6

7 @Test

8 void testAdd() {

9 Calculator calculator = new Calculator();

10 int a = 5;

11 int b = 4;

12 int actual = calculator.add(a, b);

13 int expected = 10;

14 assertEquals(expected, actual, "Sum is not correct");

15 }

16

17 @Test

18 void testSubtract() {

19 Calculator calculator = new Calculator();

20 int a = 5;

21 int b = 4;

22 int actual = calculator.subtract(a, b);

23 int expected = 1;

24 assertEquals(expected, actual, "Sum is not correct");

25 }

26 }

27

28

29

30

ProblemsJavadocDeclaration

0 Items

Description	Resource	Path	Location	Type
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