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Advanced Computer Programming

Project 2

User’s Manual

Setup and Compilation

* Download and unzip the submission from eLearning
* The submission includes
* BigIntNumber.java
* Calculator.java
* fileReader.java
* Operations.java
* addsAndSubtracts.txt
* Before.JPG
* After.JPG
* ReasonForChanges.docx
* Environment: This program has been tested in Eclipse
* Compiling: Import both project into Eclipse or your favorite IDE. Make sure each implementation has it's own run configuration, since they are seperate projects.

Running the program: The implementations are independent programs. You will need to run them one at a time. To run, select run and the program will display the results.

User input: There are no user inputs for this project. The project automatically extracts the information for the txt file.

Output: The project will output the results from the operations in the txt file.

The program handles very large number, so some outputs may not fit your screen.

-2 - 120 = -122

-2 - -120 = 118

8 - (-3) = 11

-8 - (-3) = -5

-8 - (3) = -11

8 - -5 = 13

-3 - -8 = 5

999999999999999999999999999999999999999999999999999999999999999999 + 1 = 1000000000000000000000000000000000000000000000000000000000000000000

100000000000000000000000000000000000000000000000000000000000000000 - 1 = 99999999999999999999999999999999999999999999999999999999999999999