Calculator Test Plan:

1. Run the application.

EXPECTED:

Greenhouse will compile and start to execute task according to greenhouse\_plan.txt

ACTUAL:

Greenhouse will compile and start to execute task according to greenhouse\_plan.txt

Good data cases:

EXPECTED:

Greenhouse will compile and run, starting to execute task according to the start and stop time defined in greenhouse\_plans.txt

ACTUAL:

Greenhouse will compile and start to execute task according to greenhouse\_plan.txt according to specified timedelays

1. Good data cases:

EXPECTED:

Light turns on

Light turns off

Water turns on

Water turns off

Thermostat turns on

Thermostat turns off

Fan turns on

Fan turns off

ACTUAL:

Light turns off

Water turns on

Water turns off

Thermostat turns on

Thermostat turns off

Fan turns on

Fan turns off

1. Bad data cases:

EXPECTED:

The program will not compile and will display an error message or will not allow the User to Run the program

ACTUAL:

Instead of the expected result the program will display an error message.