TME\_04 Testing Document.

**Testing normal conditions**

**Program output from “example3.txt” after and before serialization.**

**Log Files sample**

**Error.log**

Time: 2020-04-22 18:25:40

Error Message: Window Malfunction Error Code: 1

Time: 2020-04-22 18:27:09

Error Message: Power Out Error Code: 2

**Fix.log**

Time: 2020-04-22 18:25:50

Fixed Message: Window Malfunction No Error Code

Time: 2020-04-22 18:27:19

Fixed Message: Power Out No Error Code

Error.log and Fix.log are the result of two examples3.txt, examples4.txt output.

**Testing error conditions in arguments**

**Event=ThermostatN,time=0**

Event=LightOn,time=2000

Event=WaterOff,time=8000

Event=ThermostatDay,time=10000

Event=Bell,time=9000

Event=WaterOn,time=6000

Event=LightOff,time=4000

Event=Terminate,time=12000

**java GreenhouseControls -f examples1.txt**

Restarting system

Light is on

Light is off

Greenhouse water is on

Greenhouse water is off

Bing!

Thermostat on day setting

Terminating

* One of the main focus of this program is to run the classes from txt file, no error standard file checking.
* If class names are corrupted, it will skip the class name instead of trying to retrieve.
* As it has some user input when starting the program, it has chances of misspelling the file name or code in arguments, so it has to be written perfectly.
* It does not create dump.out for every dump file. It rewrites it, only track of dump file is error and fix log.