Assignment 3

Duration: 1 week

We now begin developing the Monitor Synthesizer. However sadly, the Monitor still doesn't do any RV 😕

- The Monitor is another process that potentially runs in a different machine (should be able to run on the same machine as well).
- The observations from the System-under-Verification (SUV) should be passed to the Monitor using Socket Communication (nice tutorial here). Update your Assignment 2 code to achieve this.
- The Monitor must read from the socket interface and write to a file (we'll do verification in the next assignment).

Input to the Monitor Synthesizer tool:

1. The number of boolean values which will be present in each sample.

Output of the tool:

- A cpp file that captures the Monitor's functionality as described above.

Place the Monitor Synthesizer code in the folder with the same name. Submit the entire code on Moodle.