

# CSP 301 Bug Report of Group 6

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## ***PART A***

### **Generator & TimeKeeper**

- Threads are created every time and then deleted. There are no mutex locks or conditionals for parallel running. -> Sequential processing.
- Timekeeper working fine.
- Generate functions working fine.
- Exponential distribution not used.
- generateFriends() called at constant interval of time and in each call 100 requests are made.
- Re-entrant random class not used srand used instead in friends.
- The threads do not convey alarm requests to timekeeper instead they convey just termination. Time-keeper simulates and signals them when a semester arrives.
- Given randomseeds not used, randomseed used is time.
- Kill students not implemented.
- LogFile working correctly.
- Graph generated.

## ***PART B***

### **Gyani & Analyser**

Analysis Of Part B caused us a long delay as the group gave us the executables for the same, very late, and that too initially, with improper graphml file.

Graph of Part A which is required for Part B not working.

Tested on our graphml (modified acc. to their analyser)

Gyani.pl not of free form.

Query Matching not adequate //requires a person to input almost complete and same sentence

Not even a single query is working fine.

- Clique is not giving the correct answer (For all our inputs we were getting 1 as output).
- Shortest Distance is not giving the correct answer(giving a constant value for all test cases).

- Shortest Path list is not giving the correct answer (Not Printing the path at all).
- Longest of Shortest Path is not giving the correct answer(Giving a large value).
- Importance is not giving the correct answer(Giving the same output always).
- Importance of friends is not giving the correct answer perhaps because query 5th not giving correct.