

## Machine Problem 1

### ===== Command Line Arguments and Execution Steps =====

Execution Command on Terminal

example:

```
python sim_cache.py 16 1024 2 0 0 0 0 traces/gcc_trace.txt
```

Command Line Arguments

- 1) **BLOCKSIZE**: Positive Integer
- 2) **L1\_SIZE**: Positive Integer
- 3) **L1\_ASSOC**: Positive Integer.
- 4) **L2\_SIZE**: Positive Integer
- 5) **L2\_ASSOC**: Positive Integer
- 6) **REPLACEMENT\_POLICY**: Positive Integer 0 for LRU, 1 for FIFO
- 7) **INCLUSION\_PROPERTY**: Positive Integer 0 for non-Inclusive, 1 for inclusive
- 8) **Trace File**: String Path (traces/File\_Name)