```
CS354 p4B Worksheet: For given cach config, determine hits (H) and misses (M) for each instruction in the
trace
csim-ref [-hv] -s <s> -E <E> -b <b> -t <tracefile>
-h: Optional help flag that prints usage info
-v: Optional verbose flag that displays trace info
-s <s>: Number of s bits for set index
-E <E>: number of lines per set (associativity)
-b <b>: Number of b bits for block offsets
-t <tracefile>: Name of the valgrind trace to replay
./csim -s 4 -E 2 -b 4 -t traces/trace1
operation address, size
L 0,1
 L 1,1
 L 2,1
L 3,1
 S 4,1
 L 5,1
 S 6,1
 L 7,1
 S 8,1
 L 9,1
 S a,1
 L b,1
S c,1
 L d,1
 S e,1
M f,1
./csim -s 4 -E 1 -b 4 -t traces/trace2
L 10,1
M 20,1
 L 22,1
S 18,1
 L 110,1
 L 210,1
M 12,1
./csim -s 2 -E 3 -b 3 -t traces/trace3
L 10,4
 S 18,4
```

./csim -s 3 -E 4 -b 5 -t traces/trace4 (this only partical list of trace4)

L 20,4 S 28,4 S 50,4

S 00600aa0,1
I 004005b6,5
S 7ff000398,8
I 0040051e,1
S 7ff000390,8
I 0040051f,3
I 00400522,4
S 7ff000378,8
I 00400526,4
S 7ff000370,8
I 0040052a,7
S 7ff000384,4
I 00400531,2
I 00400581,4
L 7ff000384,4

cache (cache-t)		
	Set o cause set t	Set 1 cache_set_t
LineD		cache_livet
Line 1	cache_line_t	Loure_line_t