

FRAME SIZE = 3

FIFO

Enter how many frames you have 3 Executing First in First Out Current number: 12

Miss Displaying frame: 12 -1 -1

Current number: 19

Miss Displaying frame: 12 19 -1

Current number: 100

Miss Displaying frame: 12 19 100

Current number: 121

Miss Displaying frame: 121 19 100

Current number: 200

Miss Displaying frame: 121 200 100

Current number: 150

Miss Displaying frame: 121 200 150

Current number: 360

Miss Displaying frame: 360 200 150

Current number: 300

Miss Displaying frame: 360 300 150

Current number: 309

Miss Displaying frame: 360 300 309

Current number: 312

Miss Displaying frame: 312 300 309

Current number: 122

Miss Displaying frame: 312 122 309

Current number: 53

Miss Displaying frame: 312 122 53

Current number: 59

Miss Displaying frame: 59 122 53

Current number: 415

Miss Displaying frame: 59 415 53

Current number: 212

Miss Displaying frame: 59 415 212

Current number: 515

Miss Displaying frame: 515 415 212

Hits: 0 Faults: 16

LRU

Executing Least Recently Used Current number: 12

Miss Displaying frame: 12 -1 -1

Current number: 19

Miss Displaying frame: 12 19 -1

Current number: 100

Miss Displaying frame: 12 19 100

Current number: 121

Miss Displaying frame: 121 19 100

Current number: 200

Miss Displaying frame: 121 200 100

Current number: 150

Miss Displaying frame: 121 200 150

Current number: 360

Miss Displaying frame: 360 200 150

Current number: 300

Miss Displaying frame: 360 300 150

Current number: 309

Miss Displaying frame: 360 300 309

Current number: 312

Miss Displaying frame: 312 300 309

Current number: 122

Miss Displaying frame: 312 122 309

Current number: 53

Miss Displaying frame: 312 122 53

Current number: 59

Miss Displaying frame: 59 122 53

Current number: 415

Miss Displaying frame: 59 415 53

Current number: 212

Miss Displaying frame: 59 415 212

Current number: 515

Miss Displaying frame: 515 415 212

Hits: 0 Faults: 16

OPTIMAL

Currently doing 12

12

Currently doing 19

12 19

Currently doing 100

12 19 100

Currently doing 121

121 19 100

Currently doing 200

200 19 100

Currently doing 150

150 19 100

Currently doing 360

360 19 100

Currently doing 300

300 19 100

Currently doing 309

309 19 100

Currently doing 312

312 19 100

Currently doing 122

122 19 100

Currently doing 53

53 19 100

Currently doing 59

59 19 100

Currently doing 415

415 19 100

Currently doing 212

212 19 100

Currently doing 515

515 19 100

No. of hits = 0 No. of misses = 16

FRAME SIZE = 4

Enter how many frames you have 4 Executing First in First Out Current number: 12

Miss Displaying frame: 12 -1 -1 -1

Current number: 19

Miss Displaying frame: 12 19 -1 -1

Current number: 100

Miss Displaying frame: 12 19 100 -1

Current number: 121

Miss Displaying frame: 12 19 100 121

Current number: 200

Miss Displaying frame: 200 19 100 121

Current number: 150

Miss Displaying frame: 200 150 100 121

Current number: 360

Miss Displaying frame: 200 150 360 121

Current number: 300

Miss Displaying frame: 200 150 360 300

Current number: 309

Miss Displaying frame: 309 150 360 300

Current number: 312

Miss Displaying frame: 309 312 360 300

Current number: 122

Miss Displaying frame: 309 312 122 300

Current number: 53

Miss Displaying frame: 309 312 122 53

Current number: 59

Miss Displaying frame: 59 312 122 53

Current number: 415

Miss Displaying frame: 59 415 122 53

Current number: 212

Miss Displaying frame: 59 415 212 53

Current number: 515

Miss Displaying frame: 59 415 212 515

Hits: 0 Faults: 16 Executing Least Recently Used Current number: 12

Miss Displaying frame: 12 -1 -1 -1

Current number: 19

Miss Displaying frame: 12 19 -1 -1

Current number: 100

Miss Displaying frame: 12 19 100 -1

Current number: 121

Miss Displaying frame: 12 19 100 121

Current number: 200

Miss Displaying frame: 200 19 100 121

Current number: 150

Miss Displaying frame: 200 150 100 121

Current number: 360

Miss Displaying frame: 200 150 360 121

Current number: 300

Miss Displaying frame: 200 150 360 300

Current number: 309

Miss Displaying frame: 309 150 360 300

Current number: 312

Miss Displaying frame: 309 312 360 300

Current number: 122

Miss Displaying frame: 309 312 122 300

Current number: 53

Miss Displaying frame: 309 312 122 53

Current number: 59

Miss Displaying frame: 59 312 122 53

Current number: 415

Miss Displaying frame: 59 415 122 53

Current number: 212

Miss Displaying frame: 59 415 212 53

Current number: 515

Miss Displaying frame: 59 415 212 515

Hits: 0 Faults: 16

OPTIMAL

Currently doing 12

12

Currently doing 19

12 19

Currently doing 100

12 19 100

Currently doing 121

12 19 100 121

Currently doing 200

200 19 100 121

Currently doing 150

150 19 100 121

Currently doing 360

360 19 100 121

Currently doing 300

300 19 100 121

Currently doing 309

309 19 100 121

Currently doing 312

312 19 100 121

Currently doing 122

122 19 100 121

Currently doing 53

53 19 100 121

Currently doing 59

59 19 100 121

Currently doing 415

415 19 100 121

Currently doing 212

212 19 100 121

Currently doing 515

515 19 100 121

No. of hits = 0 No. of misses = 16