

Input		OPT		FIFO		LRU	
#	Piece	Store	Comment	Store	Comment	Store	Comment
0.	1,2,3	[1, 2, 3]	Initial setup.	[1, 2, 3]	Initial setup.	[1, 2, 3]	Initial setup.
1.	1	[1, 2, 3]	Piece found.	[1, 2, 3]	Piece found.	[1, 2, 3]	Piece found.
2.	4	[4, 2, 3]	1 comes up again the latest, in pos. 5.	[4, 2, 3]	Dropping pos. 1.	[1, 4, 3]	Last usage: 1: 1, 2: 0, 3: 0.
3.	2	[4, 2, 3]	Piece found.	[4, 2, 3]	Piece found.	[1, 4, 2]	Last usage: 1: 1, 4: 2, 3: 0.
4.	3	[4, 2, 3]	2 comes up again the latest, in pos. 14.	[4, 2, 3]	Piece found.	[3, 4, 2]	Last usage: 1: 1, 4: 2, 2: 3.
5.	1	[4, 1, 3]	Piece found.	[4, 1, 3]	Dropping pos. 2.	[3, 1, 2]	Last usage: 3: 4, 4: 2, 2: 3.
6.	4	[4, 1, 3]	Piece found.	[4, 1, 3]	Piece found.	[3, 1, 4]	Last usage: 3: 4, 1: 5, 2: 3.
7.	1	[4, 1, 3]	Piece found.	[4, 1, 3]	Piece found.	[3, 1, 4]	Piece found.
8.	5	[4, 1, 5]	3 comes up again the latest, in pos. 12.	[4, 1, 5]	Dropping pos. 3.	[5, 1, 4]	Last usage: 3: 4, 1: 7, 4: 6.
9.	5	[4, 1, 5]	Piece found.	[4, 1, 5]	Piece found.	[5, 1, 4]	Piece found.
10.	1	[4, 1, 5]	Piece found.	[4, 1, 5]	Piece found.	[5, 1, 4]	Piece found.
11.	4	[4, 1, 5]	1 comes up again the latest, in pos. 17.	[4, 1, 5]	Piece found.	[5, 1, 4]	Piece found.
12.	3	[4, 3, 5]	Piece found.	[3, 1, 5]	Dropping pos. 1.	[3, 1, 4]	Last usage: 5: 9, 1: 10, 4: 11.
13.	4	[4, 3, 5]	Piece found.	[3, 4, 5]	Dropping pos. 2.	[3, 1, 4]	Piece found.
14.	2	[2, 3, 5]	4 comes up again the latest, in pos. 20.	[3, 4, 2]	Dropping pos. 3.	[3, 2, 4]	Last usage: 3: 12, 1: 10, 4: 13.
15.	5	[2, 3, 5]	Piece found.	[5, 4, 2]	Piece found.	[5, 2, 4]	Last usage: 3: 12, 2: 14, 4: 13.
16.	2	[2, 3, 5]	Piece found.	[5, 4, 2]	Dropping pos. 1.	[5, 2, 4]	Piece found.
17.	1	[1, 3, 5]	No piece 2 found, dropping it.	[5, 1, 2]	Dropping pos. 2.	[5, 2, 1]	Last usage: 5: 15, 2: 16, 4: 13.
18.	1	[1, 3, 5]	Piece found.	[5, 1, 2]	Piece found.	[5, 2, 1]	Piece found.
19.	3	[1, 3, 5]	Piece found.	[5, 1, 3]	Dropping pos. 3.	[3, 2, 1]	Last usage: 5: 15, 2: 16, 1: 18.
20.	4	[4, 3, 5]	No piece 1 found, dropping it.	[4, 1, 3]	Dropping pos. 1.	[3, 4, 1]	Last usage: 3: 19, 2: 16, 1: 18.
		Number of page faults: 7		Number of page faults: 10		Number of page faults: 12	

Table 1: Single run results for [1, 4, 2, 3, 1, 4, 1, 5, 5, 1, 4, 3, 4, 2, 5, 2, 1, 1, 3, 4], N=5, M=20, K=3. Command used: ./single.py 5 20 3

#	OPT	FIFO		LRU	
	# Page faults	# Page faults	C	# Page faults	C
1.	60256	89974	1.493196	89939	1.492615
2.	60323	90036	1.492565	90007	1.492084
3.	60266	90057	1.494325	90044	1.494109
4.	60460	90209	1.492044	90207	1.492011
5.	60265	90041	1.494084	90063	1.494450
6.	60113	89921	1.495866	89945	1.496265
7.	60323	89918	1.490609	89973	1.491521
8.	60452	90104	1.490505	90084	1.490174
9.	60210	89978	1.494403	89960	1.494104
10.	60106	89881	1.495375	89919	1.496007
Average	60277.4	90011.9	1.49329434	90014.1	1.49333083

Table 2: Results for 10 runs with parameters N=1000, M=100.000, K=100. Command used: `./average.py 1000 100000 100 100`