real1.trace, CSIZE= 2KB

Cache hit rate formula:

$$Hit\ rate = \frac{Hits}{(Hits+Misses)}$$

LRU policy:

Sets,Associativity	Hits:	Misses:	Evictions:	Hit rate:
0,32	281840	5124	5092	0.982144102
1,16	281584	5380	5348	0.981252004
2,8	273928	13036	13004	0.954572699
3,4	269203	17761	17729	0.938107219
4,2	269087	17877	17845	0.937702987
5,1	266033	20931	20899	0.927060537

LRU highest cache hit rate =   0.9821441

LFU policy:

Sets,Associativity	Hits	Misses	Evictions	Hit rate:
0,32	254770	32194	32162	0.887811712
1,16	261432	25532	25500	0.911027167
2,8	264992	21972	21940	0.923432904
3,4	266793	20171	20139	0.929708953
4,2	267668	19296	19264	0.932758116
5,1	266033	20931	20899	0.927060537

LFU highest cache hit rate =   0.93275812

Trace 1 highest cache hit rate =   0.9821441 because as seen in the 2 tables, it is the h
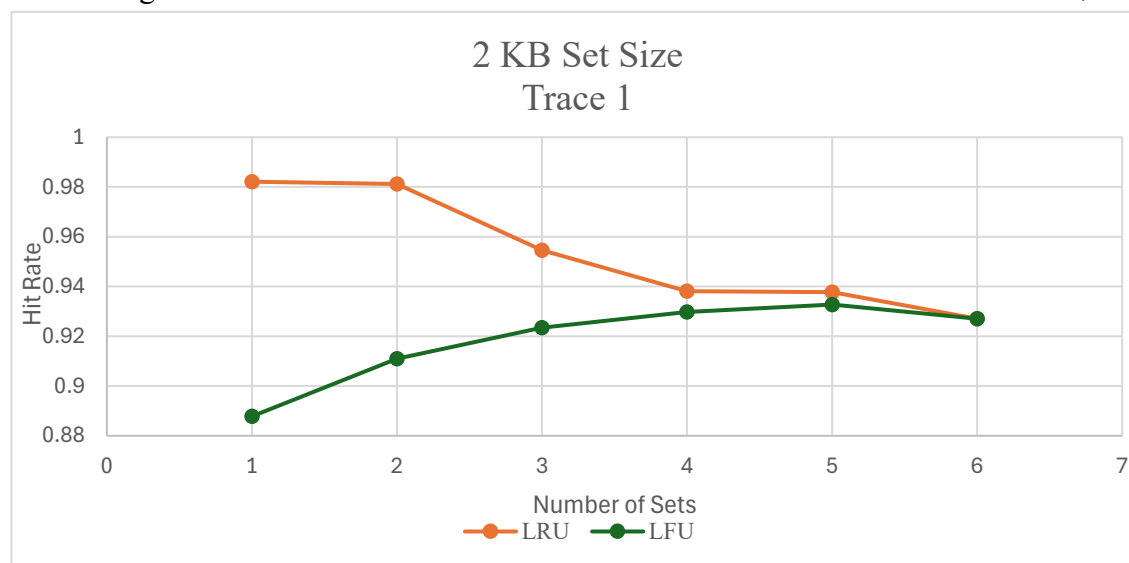
real2.trace, CSIZE= 2KB

LRU policy:

Sets,Associativity	Hits:	Misses:	Evictions:	Hit rate:

0,32	284145	7557	7525	0.974093424
1,16	284127	7575	7543	0.974031717
2,8	284226	7476	7444	0.974371105
3,4	283663	8039	8007	0.972441053
4,2	276964	14738	14706	0.949475835
5,1	263226	28476	28444	0.902379826

LRU highest cache hit rate =   0.9743711

LFU policy:

Sets,Associativity	Hits	Misses	Evictions	Hit rate:
0,32	127787	163915	163883	0.438073788
1,16	142230	149472	149440	0.487586647
2,8	208119	83583	83551	0.713464426
3,4	283663	8039	18060	0.972441053
4,2	276964	14738	52989	0.949475835
5,1	263226	28476	28444	0.902379826

LFU highest cache hit rate =   0.97244105

Trace 2 highest cache hit rate =   0.9743711 because it is the higher of the two max ca

2 KB Set Size
Trace 2
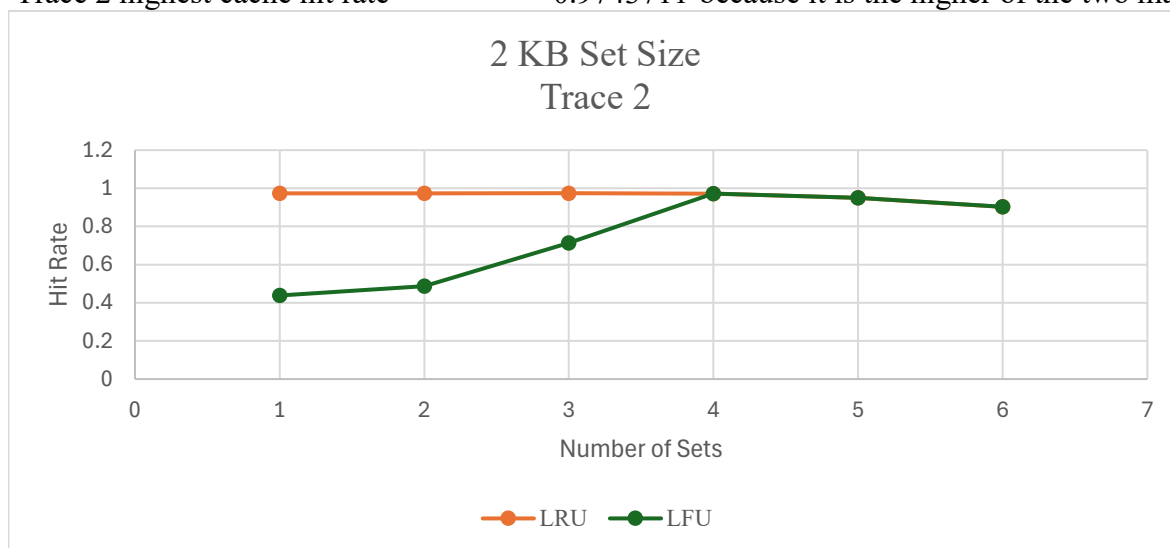
real1.trace, CSIZE= 4KB

LRU policy:

Sets,Associativity	Hits:	Misses:	Evictions:	Hit rate:
0,64	281840	5124	5060	0.982144102
1,32	281840	5124	5060	0.982144102
2,16	281712	5252	5188	0.981698053
3,8	277512	9452	9388	0.967062071

4,4	278896	8068	8004	0.971884975
5,2	280166	6798	6734	0.976310617
6,1	279243	7721	7657	0.973094186

LRU highest cache hit rate = 0.9821441

LFU policy:

Sets,Associativity	Hits	Misses	Evictions	Hit rate:
0,64	255311	31653	31589	0.889696965
1,32	261842	25122	25058	0.912455918
2,16	265145	21819	21755	0.923966072
3,8	266857	20107	20043	0.929931978
4,4	267728	19236	19172	0.932967201
5,2	269011	17953	17889	0.937438146
6,1	279243	7721	7657	0.973094186

LFU highest cache hit rate = 0.93743815

Trace 1 highest cache hit rate = 0.9821441 because it is the higher of the two max ca

4 KB Set Size
Trace 1
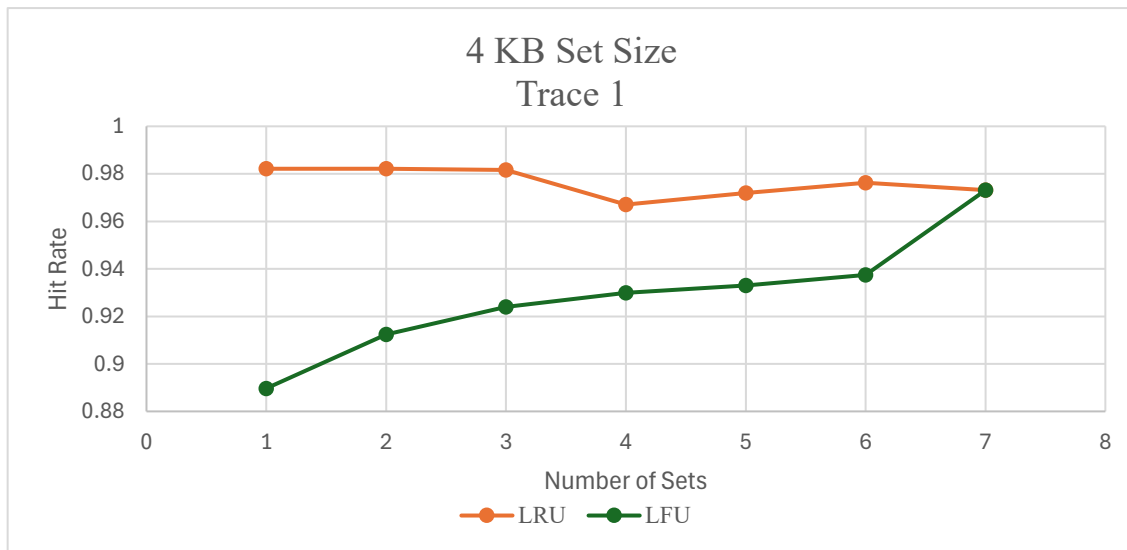
real2.trace, CSIZE= 4KB

LRU policy:

Sets,Associativity	Hits	Misses	Evictions	Hit rate:
0,64	287570	4132	4068	0.985834859
1,32	287601	4101	4037	0.985941132
2,16	287541	4161	4097	0.985735442
3,8	287207	4495	4431	0.984590438
4,4	286544	5158	5094	0.982317571
5,2	285088	6614	6550	0.977326175

6,1		265431	26271	26207	0.90993891
LRU highest cache hit rate =		0.98594113			

LFU policy:

Sets,Associativity	Hits	Misses	Evictions	Hit rate:
0,64	136103	155599	155535	0.466582334
1,32	143747	147955	147891	0.492787159
2,16	251326	40376	40312	0.861584768
3,8	276816	14886	14822	0.948968468
4,4	241843	49859	49795	0.829075563
5,2	282237	9465	9401	0.967552502
6,1	265431	26271	26207	0.90993891

LFU highest cache hit rate = 0.9675525

Trace 2 highest cache hit rate = 0.98594113 because it is the higher of the two max ca

4 KB Set Size
Trace 2