

ABACABDBACD

2 cache slots

FIFO: $9 / 11 = \mathbf{0.8181}$

A	A	A	C	C	B	B	B	A	A	D
	B	B	B	A	A	D	D	D	C	C

LRU: $8 / 11 = \mathbf{0.7272}$

A	A	A	A	A	A	D	D	A	A	D
	B	B	C	C	B	B	B	B	C	C

Calculate failure rate = # of interrupts / page requests