

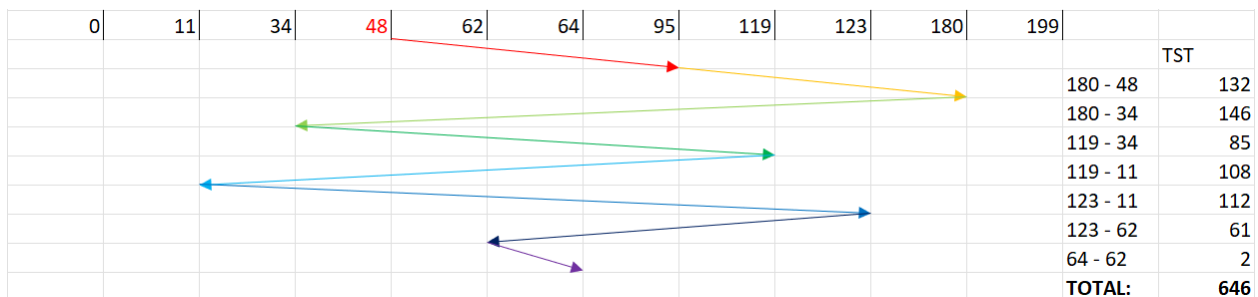
FINALS HOMEWORK 1: DISK SCHEDULING ALGORITHMS

Given the following queue: 95, 180, 34, 119, 11, 123, 62, 64, with the Read and Write Head initially at track 48, and the tail track being at 199, compute the total distance (in cylinder) of the given algorithms:

- FCFS
- SSTF
- SCAN
- C-SCAN
- LOOK
- C-LOOK

Provide proper representation.

1. FCFS

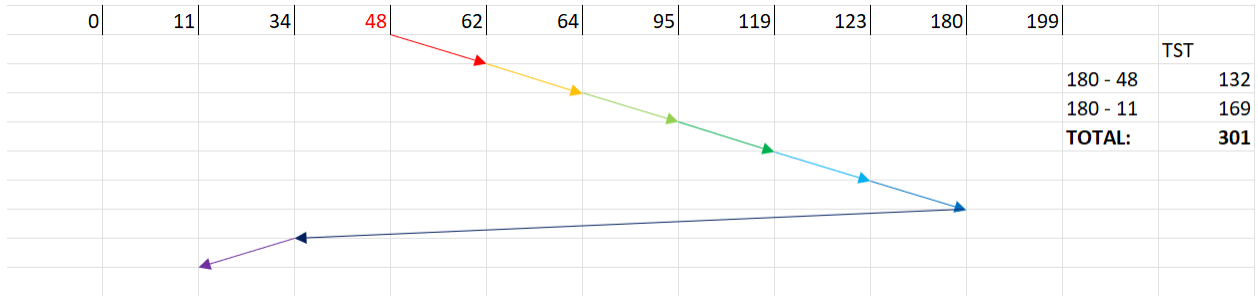


0	11	34	48	62	64	95	119	123	180	199		TST
											48 - 34	14
											34 - 11	23
											62 - 11	51
											64 - 62	2
											95 - 64	31
											119 - 95	24
											123 - 119	4
											180 - 123	57
											TOTAL:	206

	TST
199 - 48	151
199 - 11	188
TOTAL:	339

0	11	34	48	62	64	95	119	123	180	199			
												TST	
												199 - 48	151
												199 - 0	199
												34 - 0	34
												TOTAL:	384

5. LOOK



6. C-LOOK

