CS-341

Assignment -3

Name: P.V.SRIRAM

Roll No. 1801CS37

Total no of tracks = 200

Initially arm is at 100

Work Queue = 55,58,39,18,90,160,150,38,184

FIFO:

Next Request	55	58	39	18	90	160	150	38 184
Travel	45	3	19	21	72	70	10	112 14

Total seek length = 498

Avg seek longth = 498 = 55.3

SSTF:

Next Reguest	90	58	55	39	38 18	150	160	184	
Travel	10	32	3	16	1 20	132	10	24	

## SCAN:

Next Request	150	160	184	199	90	58	55	3 9	38 18	?
Kegruest			24	15	109	32	3	16	1 20	
Travel	50	10	24							

## C-SCAN:

Next Request	150	160	184	199	0	18	38	39	55	58	90
- Reavest Travel										3	32

2)

Griven,

Total no of cylinders = 200 2 nitially, head is at 53

Work gruenc = 98, 183, 41, 122, 14, 124, 65, 67

LOOK:

Next Request	65	67	98	122	124	183	41	14
Travel				24	2	59	142	27

Total seek length = [299]

C-LOOK :

Next Request	65	67	98	122	124	183	14	41
Travel	I		and the same of th					27

Total Seek length = [326]

SCAN :

Next Request	65	67	98	122	124	183	190	7 41	14
Travel	12	2	3 <b>1</b>	24	2	59	16	158	27

Total seek length = [331]

C-SCAN:

Next Request	65	67	98	122	124	183	199	0	14	41
Travel	12	2	31	24	2	59	16	199	14	27

Total seek length = [386]