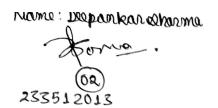
Name: Deeparkar Dharma Course: MCAOL altudent ID: 233512015 allegict: OMC 109 operating systems. El computer Networks First come first serve 393 socheduling Algorithm movement=0 1 Read # dick requests add head movementa sp @ Read which greens distance do movementa 3 Read unitial head position 3 update head position @ Perform FCFS () diek ackeduling call FCFS() from main() sode < 1 entrol & striper # #unclude <atalib.h> word FCFS (unt cylinder [], unt numcyli, unt head pox) { unt movement = 0; unt cur eyle, distance; for (unt i=0; i < num cyle; i++) { cur eyle = cylinder [i]; distance = also ( head pos - cur\_cyle); movement += dictance "/d \n", head pos, our cycle, distance); head poo = cur cylis printy (" Total # movementa = %d \n", movement); unt main () {

sconf ("%d", & num\_cyli); soconf ("%d", & restread poo);
for (wit i=0; i < num\_cyli; i++) soconf ("%d", & cylinder [i]);
fcfs (cylinder, num\_cyli, head poo);
outurn 0;

unt cylinder [4], num cyli, head pos;



## Dample autput

<b>5</b> 3	98	45	
98	183	<b>3</b> 5	
183	37	146	
37	122	85	
122	14	108	
122 14	14 124	108 110	
	•		

Total # movements = 640

