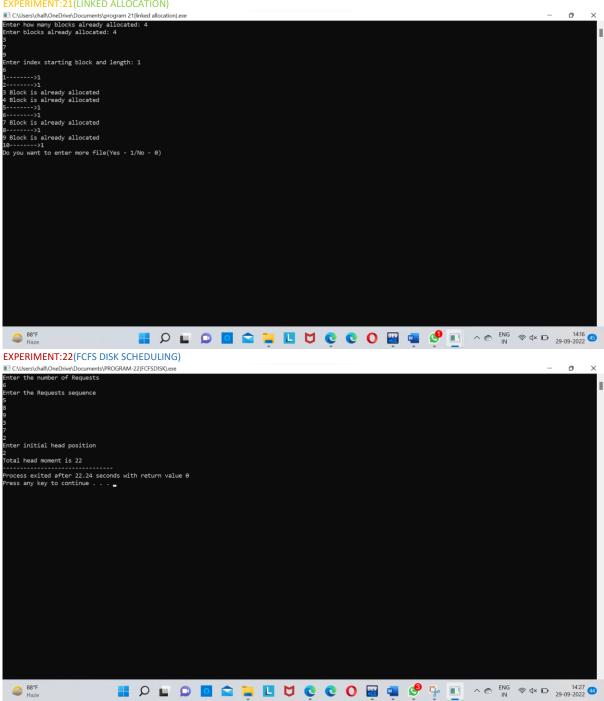DATE:-29/09/22

COURSE NAME:-OPERATING SYSTEM WITH DESIGN PRINCIPLES.

COURSE CODE:-CSA0470.

NAME OF THE STUDENT:-CH.INDHU PRIYA.

REG NO:-192111191

EXPERIMENT:21(LINKED ALLOCATION)


```
C:\Users\chall\OneDrive\Documents\program 21(linked allocation).exe
Enter how many blocks already allocated: 4
Enter blocks already allocated: 4
3
7
9
Enter index starting block and length: 1
6
1-------->1
2-------->1
3 Block is already allocated
4 Block is already allocated
5-------->1
6-------->1
7 Block is already allocated
8-------->1
9 Block is already allocated
10-------->1
Do you want to enter more file(Yes - 1/No - 0)
```

EXPERIMENT:22(FCFS DISK SCHEDULING)


```
C:\Users\chall\OneDrive\Documents\PROGRAM-22(FCFSDISK).exe
Enter the number of Requests
6
Enter the Requests sequence
5
8
9
3
7
2
Enter initial head position
2
Total head moment is 22
--------------------------------
Process exited after 22.24 seconds with return value 0
Press any key to continue . . .
```

EXPERIMENT:23(SCAN DISK SCHEDULING)

```
ENTER THE DISK SIZE :
3
ENTER THE NO OF REQUEST SEQUENCE :
6
ENTER THE REQUEST SEQUENCE :
5
8
8
3
12
25
ENTER THE CURRENT HEAD :
10
ENTER THE PRE REQUEST :
15
SEEK SEQUENCE = 10 8 8 5 3 2 0  12
TOTAL DISTANCE :22
-------------------------------
Process exited after 52.68 seconds with return value 22
Press any key to continue . . .
```

EXPERIMENT:24(C-SCAN SCHEDULING)

```
Enter the number of Requests
5
Enter the Requests sequence
7
8
98
199
25
Enter initial head position
50
Enter total disk size
200
Enter the head movement direction for high 1 and for low 0
1
Total head movement is 373
-------------------------------
Process exited after 49.81 seconds with return value 0
Press any key to continue . . .
```