

# OS Lab Week 10 and 11

Siva Surya Babu

PES2201800475

Sem 5 Section F

## Makefile

```
lru:
    gcc lru.c -o lru.out
    ./lru.out

bf:
    gcc bestFit.c -o bestFit.out
    ./bestFit.out

clean:
    rm -f *.out
```

## Lab 10

```
sivasurya ~/Documents/VSC/OS-Lab/Week_10&11/PES2201800475_SivaSuryaBabu_Week10-11 master make bf
gcc bestFit.c -o bestFit.out
./bestFit.out

Memory Management Scheme - Best Fit
Enter the number of blocks:4
Enter the number of processes:3

Enter the size of the blocks:-
Block no.1:300
Block no.2:100
Block no.3:200
Block no.4:400

Enter the size of the processes :-
Process no.1:80
Process no.2:120
Process no.3:270
```

Process_no	Process_size	Block_no	Block_size	Fragment
1	80	2	100	20
2	120	3	200	80
3	270	1	300	30

```
sivasurya ~/Documents/VSC/OS-Lab/Week_10&11/PES2201800475_SivaSuryaBabu_Week10-11 master
```

# Lab 11

```
sivasurya ~/Documents/VSC/OS-Lab/Week_10&11/PES2201800475_SivaSuryaBabu_Week10-11 master make lr
gcc lru.c -o lru.out
./lru.out
Enter number of frames: 3
Enter number of pages: 20
Enter reference string: 7 0 1 2 0 3 0 4 2 3 0 3 2 1 2 0 1 7 0 1

7      -1      -1
7       0      -1
7       0       1
2       0       1
2       0       1
2       0       3
2       0       3
4       0       3
4       0       2
4       3       2
0       3       2
0       3       2
0       3       2
1       3       2
1       3       2
1       0       2
1       0       2
1       0       7
1       0       7
1       0       7

Total Page Faults = 12
```