

Task 1:

```
jmoran@asus-jmoran:~/4310-Projects/Project2/src$ ./pageNumber
Enter page size (in KB): 2
Enter virtual address (in decimal): 10500
The address 10500 contains: page number = 5 offset = 260
jmoran@asus-jmoran:~/4310-Projects/Project2/src$
```

Task 2:

```
jmoran@asus-jmoran:~/4310-Projects/Project2/src$ ./diskScheduler 50 40
```

Choose request source:

1. Load requests from input.txt
2. Generate 1000 random requests

Enter choice: 1

Loaded 10 requests from input.txt

Initial Head Position: 50

Algorithm	Total Movement	Direction Changes
FCFS	632	5
SSTF	234	2
SCAN	9938	1
C-SCAN	9986	1

```
jmoran@asus-jmoran:~/4310-Projects/Project2/src$ ./diskScheduler 50 40
```

Choose request source:

1. Load requests from input.txt
2. Generate 1000 random requests

Enter choice: 2

Generated 1000 random requests.

Initial Head Position: 50

Algorithm	Total Movement	Direction Changes
FCFS	1718635	686
SSTF	5034	0
SCAN	9944	1
C-SCAN	9985	1

Task 3:

```
jmoran@asus-jmoran:~/4310-Projects/Project2/src$ ./logicalBlock
Enter logical block number: 1041
Enter HD number of cylinders: 1000
Enter HD number of tracks: 20
Enter HD number of sectors: 63
The logical block number 1041 is located at <0, 16, 33>
```