

The programming project is divided into 3 individual tasks.

Task 1 Output

```
Enter page size:
4
Enter a virtual address:
19986
The address 19986 contains: page number= 4 offset= 3602
```

Task 2 Output

```
=====
Task #2: DISK Scheduling Simulator
=====
1) Program will generate a series of 1,000 cylinder requests
2) The program will read a series of cylinder requests from an input.txt file
1
Enter the disk head location, an integer between 0-4999:
2500
Enter the direction of the disk head movement, this is important for certain algorithms. 0 = decreasing, 1 = increasing
1
FIFO:
Total head movement: 1705320
Total direction changes: 669
SSTF:
Total head movement: 7510
Total direction changes: 4
SCAN:
Total head movement: 7497
Total direction changes: 1
CSCAN:
Total head movement: 9989
Total direction changes: 2
```

Task 3 Output

```
Enter a logical block number:
1041
Enter HD number of cylinders:
1000
Enter HD number of tracks:
20
Enter HD number of sectors:
63
<0, 16, 33>
```