

ENSF 409 Lab1 Postlab

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Exercise 4:

```
C:\Users\Shuyi Belinda Jin\Desktop>javac MDArrary.java

C:\Users\Shuyi Belinda Jin\Desktop>java MDArrary
Please enter massage 1:
abcdefg
Please enter massage 2:
hijklmn opq rst
Please enter massage 3:
uvwxyz abcdefg
gfedcba
rst opq hijklmn
UvwxyZ abcDefg
```

Exercise 5:

```
C:\Users\Shuyi Belinda Jin\Desktop>javac Marathon.java

C:\Users\Shuyi Belinda Jin\Desktop>java Marathon
Please enter the name of the participant
Alice
Please enter the running time of the participant
937
Please enter the name of the participant
Belinda
Please enter the running time of the participant
786
Please enter the name of the participant
Clare
Please enter the running time of the participant
809
Please enter the name of the participant
Damon
Please enter the running time of the participant
678
Please enter the name of the participant
Ellen
Please enter the running time of the participant
607
Please enter the name of the participant
quit
The fastest runner is Ellen and the time is 607.
```

Exercise 6:

```
C:\Users\Shuyi Belinda Jin\Desktop>javac Clock.java

C:\Users\Shuyi Belinda Jin\Desktop>java Clock
Test for clock t1:
After setting clock time:
1:23:59:16
Increment by 44 seconds:
2:0:0:0
The elapsed time in seconds is 172800
Test for clock t2:
Test for constructor:
3:1:4:5
Increment by 3601 seconds:
3:2:4:6
Set minute to 8:
3:2:8:6
```

Exercise7:

```
C:\Users\Shuyi Belinda Jin\Desktop>javac SimpleList.java

C:\Users\Shuyi Belinda Jin\Desktop>java SimpleList
List just after creation -- is empty.
After calling push_front. list must have: 50
50
After calling push_back and set function list must have: 770 440
770 440
After three more calls to push_back, list must have: 770, 440, 330, 220, 110
770 440 330 220 110
After removing two nodes. list must have: 440, 330, 110
440 330 110
Two more nodes inserted, must have: 10, 440, 33, 330, 110, 40
10 440 33 330 110 40
After 6 removes, list must have: 440, 330, 40
440 330 40
After call to clear, list must be empty:

After three calls to push_back, list must have: 331, 221, 111
331 221 111
```