

## Experiment 2

- Obtain the system time, and check whether it is in the morning, afternoon, or evening.

```
wmm@wmm-VMware-Virtual-Platform:~$ vi time_check.sh
wmm@wmm-VMware-Virtual-Platform:~$ chmod +x time_check.sh
wmm@wmm-VMware-Virtual-Platform:~$ ./time_check.sh
Good morning !!
wmm@wmm-VMware-Virtual-Platform:~$ Q23010101wym
```

- Input two number, check which one is greater, and output the result.

```
wmm@wmm-VMware-Virtual-Platform:~$ vi num_compare.sh
wmm@wmm-VMware-Virtual-Platform:~$ chmod +x num_compare.sh
wmm@wmm-VMware-Virtual-Platform:~$ ./num_compare.sh
Enter the first integer:
6
Enter the second integer:
9
6 is less than 9
wmm@wmm-VMware-Virtual-Platform:~$ Q23010101wym
```

- Find the minimal value in a given list.

```
wmm@wmm-VMware-Virtual-Platform:~$ vi count_exec.sh
wmm@wmm-VMware-Virtual-Platform:~$ chmod +x count_exec.sh
wmm@wmm-VMware-Virtual-Platform:~$ ./count_exec.sh
Total of 24 files executable
wmm@wmm-VMware-Virtual-Platform:~$ Q23010101wym
```

- Calculate the number of executive file in the current directory.

```
wmm@wmm-VMware-Virtual-Platform:~$ vi find_min.sh
wmm@wmm-VMware-Virtual-Platform:~$ chmod +x find_min.sh
wmm@wmm-VMware-Virtual-Platform:~$ ./find_min.sh
-3
wmm@wmm-VMware-Virtual-Platform:~$ Q23010101wym
```

- Check whether a given number is a prime, you have to write a function, and call the function.

```
wmm@wmm-VMware-Virtual-Platform:~$ vi is_prime.sh
wmm@wmm-VMware-Virtual-Platform:~$ chmod +x is_prime.sh
wmm@wmm-VMware-Virtual-Platform:~$ ./is_prime.sh 12
12 is not a prime!
wmm@wmm-VMware-Virtual-Platform:~$ ./is_prime.sh 7
7 is a prime!
wmm@wmm-VMware-Virtual-Platform:~$ Q23010101wym
```