

### Problem 1

```
Enter the number
10434052
The number of even digits is 5
[gabe@fedora Lab06]$
```

### Problem 2

```
Enter numbers:
1 2 3 0
The largest number is 3
The occurrence count of the largest number is 1
[gabe@fedora Lab06]$
```

### Problem 3

```
Enter a string:
Welcome to New York!
c: 1 times
e: 3 times
k: 1 times
l: 1 times
m: 1 times
n: 1 times
o: 3 times
r: 1 times
t: 1 times
w: 2 times
y: 1 times
[gabe@fedora Lab06]$
```

### Problem 4

```
1  
0  
0  
[gabe@fedora Lab06]$
```