

Zoe Boyle
Lab 9

Part 1

Output:

```
[zboyle1@gsuad.gsu.edu@snowball ~]$ ./getMostFreqChar text.txt  
The max character is: s
```

Part 2

1. Output:

```
address of charvar = 0061FF1F  
address of charvar - 1 = 0061FF1E  
address of charvar + 1 = 0061FF20  
address of intvar = 0061FF18  
address of intvar - 1 = 0061FF14  
address of intvar + 1 = 0061FF1C
```

2. Integers are 4 bytes or 32 bits so they can be processed easily by 32-bit computers

Part 3

1. Output:

```
numbers = 0061FF08  
numbers[0] = 0061FF08  
numbers[1] = 0061FF0C  
numbers[2] = 0061FF10  
numbers[3] = 0061FF14  
numbers[4] = 0061FF18  
sizeof(numbers) = 20
```

2. The address of the array is the same as the address of the first index

3. `printf("sizeof(numbers) = %lu\n", sizeof(numbers));`