

Name: Jared Dyreson
Class: CPSC-240-09, TR @ 11:30 - 13:20
Date: January 31st, 2019
Professor: John Overton

Worksheet #2 - First Look at Assembly Language

```
+-----+  
| True and False |  
+-----+
```

1. F
2. T
3. F
4. F
5. F
6. T
7. T
8. F
9. T
10. F
11. T
12. T
13. F
14. F
15. F
16. T
17. F
18. T
19. F
20. T
21. T
22. F
23. T
24. F

```
+-----+  
| Short Answers |  
+-----+
```

1. The difference between these three sections:
 - a. .data : Where the data is stored
 - b. .text : Where the instructions for the program are kept
 - c. .bss : Where uninitialized variables are stored
2. Decimal Equivalents
 - a. 10000000 --> 128
 - b. 11111111 --> 255
3. Little-endianness is when the least significant value is stored first
4. A page size in Linux is 2MB and on the main frames it is 1 MB. There are 4000 pages in an 8 GB RAM module.
5. EIP register is that contains the address to the next instruction. The RIP is the register that holds the memory address to the next function it needs to invoke
6. The name of R8 register for 32 bit is the R8D