# Assembly Lesson 4

## Code Analysis

For the following code snippets, when the code finishes running:

1. What is the value in each one of the registers?
2. What is the value of global data used in the program?
   1. A screen shot of a computer program

      Description automatically generated
   2. A screen shot of a computer code

      Description automatically generated

## Advanced Theory

1. Read online and check, what is the difference between a section (like written in the .asm file) and a segment.
2. What is the .data section?
3. Why do we need .text and what is \_start
4. What part of the compilation process needs \_start and why?