- 1. Write an algorithm to implement the subtraction operation for two positive integers in assembly language.
 - 1. Let the numbers be A, B and the operation be A-B
 - 2. Convert A into binary
 - 3. Convert B into binary
 - 4. Compute 2's complement of B
 - i. Invert the bits in B using B xor 11111111
 - ii. Add 1 to B
 - 5. Add A and the 2's complement of B.
- 2. Implement your algorithm in the assembly language describe in the machine language handout. Test your implementation using the SimpleSim simulator.