

1. Write a 1-3 sentence description of each deliverable in Lab 1

- a. Deliverable one is just answering questions about what the code does and adding comments if necessary.
- b. Deliverable two is again answering questions regarding the given code, albeit they require more in-depth analysis.
- c. Deliverable three is once more answering questions based on given code, but it is related to writing data into memory this time.
- D. Deliverable four is writing a program to calculate the sum of the squares of two numbers stored in memory and then storing the result back in memory.

2. Identify 3 different instruction mnemonics that are used in Lab 1 and also appear in pages 55-95.

Identify the textbook page in which each one appears.

ADD:65

MOV:65

LDR:66

3. Identify 3 different assembly directives that are used in Lab 1 and also appear in pages 55-95.

Provide the definition for each one.

(all on page 69)

ENDP: Designate the end of a procedure

ALIGN: Align data or code to a memory boundary

EXPORT: Declare a symbol and make it referable by other source files