ARM Assembly: A3

1. Issue: Unknown pseudo-operator: “.shalfword”.A sunset in the background

   Description automatically generated

Solution: change “.shalfword” to “.short” since short is a data type and shalfword is not

A screenshot of a computer

Description automatically generated

1. Using h: shows 0x1000, it shows the numerical value

A screenshot of a computer screen

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Using sh: see image… this shows what the value appears in the stack.

A screenshot of a computer screen

Description automatically generated

1. Arithmetic3 code: we make sure to declare the values as int and assign them to each register before continuing with the rest of the program

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Output: the output of val2+3+val3-val1 is shown in r2 as 90 (or 5A) since 11+3+16-(-60) = 90.

A screenshot of a computer

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