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Micro
Processors

Introduction to Vitis and ARM assembly

Submission form revision January 8, 2026



I am submitting my own work, and I accept penalties will be assessed against me if I submit work that isn't mine.

Point Scale

4: Exemplary

3: Complete

2: Incomplete

1: Minor effort

0: Not submitted

Print Name _____

Sign Name _____

Date _____

Asst. Signature _____

Requirements**Pts x Wt = Score**

1. Verify the demo project

x 2 =

2. Negate the switch signals

x 1 =

3. Turn on the LEDs with pushbuttons

x 2 =

4. Use compares and branches to turn on LEDs under different conditions

x 2 =

5. . Use compares on bit fields to control multiple LEDs

x 2 =

Total Score (add all rows)

Leave blank for on-time submission, or:

Enter **+4** if one or more weeks early; Enter **-6** if one or two weeks late; Enter **X** if two or more weeks lateRequirements
Possible Score

36

Add the two rows above for the Requirements Earned Score
Enter **0** if more than two weeks late**Challenges****Pts x Wt = Score**

1. Use switches and buttons to control LEDs

x 2 =

2. Use a pushbutton to latch a binary value

x 2 =

3. Toggle an LED with a pushbutton

x 2 =

Total Score (add all rows)

Leave blank for on-time submission, or:

Enter **+2** if one or more weeks early; Enter **-3** if one or two weeks late; Enter **X** if two or more weeks lateChallenges
Possible Score

24

Add the two rows above for the Challenges Earned Score, or
Leave blank if no challenges submitted; Enter **0** if more than two weeks late