LAB 9

Due Sep 14 by 3:30pm   **Points** 10   **Submitting** a file upload   **Available** until Sep 14 at 3:30pm

This assignment was locked Sep 14 at 3:30pm.

Create the following C++ like arrays in your data segment..

int iSrcArray[16] = {0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15};

int iDestArray[16];

Use *ldm* and *stm* to write a short sequence of ARM assembly language to copy 16 words of data from *iSrcArray* to *iDestArray*. Load the *iSrcArray* address into *r0* and *iDestArray* address into *r1*. You may use *r0* through *r5* to hold values if needed. Your code is allowed to modify *r0* and/or *r1*.

Submission requirements: Upload your source code along with a gdb screenshot showing the values of both arrays in hex format as shown last class.

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