ECE571: Advanced Microprocessor Design – Homework 8
Spring 2016

Due: Thursday 7 April 2016, 3:30PM

Create a document that contains the answers to the questions below. A .pdf or .txt file is preferred but I can accept MS Office or Libreoffice format if necessary.

1. Read the following website articles:

   - **ARM Reveals Cortex-A72 Architecture Details** by Andrei Frumusanu

     `http://www.anandtech.com/show/9184/arm-reveals-cortex-a72-architecture-details`

   - **A walk through of the Microarchitectural improvements in Cortex-A72**

     `https://community.arm.com/groups/processors/blog/2015/05/04/a-walk-through-of-the-microarchitectural-improvements-in-cortex-a72`

2. Answer the following questions:

   (a) List two changes in the Cortex-A72 that improve performance.

   (b) List two changes in the Cortex-A72 that improve power consumption.

   (c) This is not answered in the articles, but can you currently buy hardware that contains a Cortex-A72 processor in it?

3. Submitting your work.

   - Create the document containing the answers to the questions asked.
   - Please make sure your name appears in the document.
   - e-mail the file to me by the homework deadline.