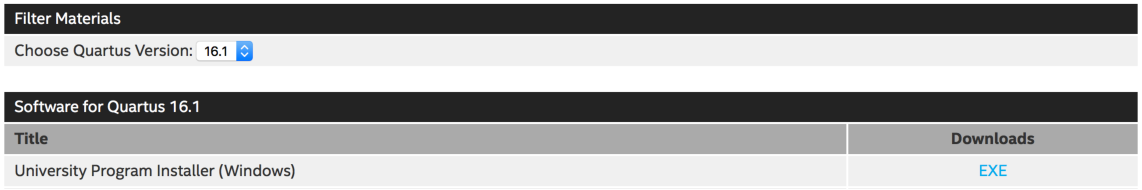
CSCI 210 – HW04 – Fall 2017

This is the first assignment for assembly programing. In this assignment you'll first need to install the University Program Installer to obtain the Monitor software. That can be found:

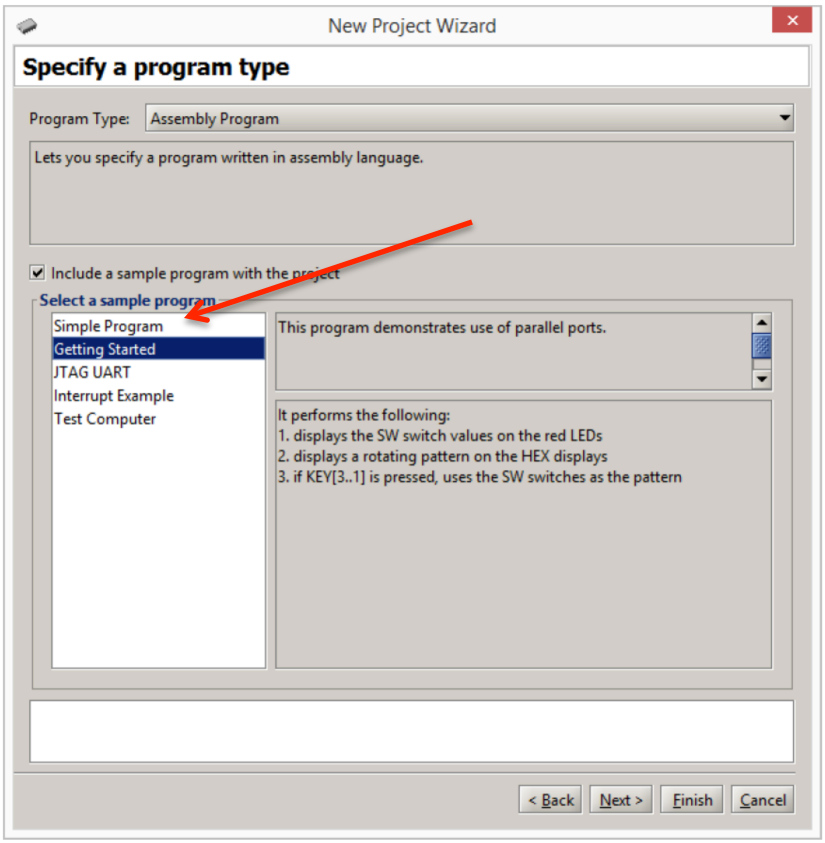
https://www.altera.com/support/training/university/materials-software.html#Altera-Monitor-Program



I know it says Version 16.1, but that is fine. It will work with version 17.0 that you have installed for Quartus II.

Then, take a look over the "NIOS Introduction" PDF and just look at the instructions.

Then, use the "Using a NIOS System" PDF. Everything through parts I; however, instead of selecting the "getting started" sample program, **please choose the "Simple Program" example:**



Once you get that program to work, please see what it does, and then modify it to keep a running sum and to display both the number entered for each iteration of the loop, and then also the current sum.

Submission: (no late work accepted, under any circumstances)

Also, prior to the due date and time (see the date specified on Moodle), **upload your project into Moodle**. This will be a zip file that contains the **entire project directory structure**. It will be named userid-210-HW04.zip, where userid is your userid. **Make sure you check two things afterwards:**

1. That the file was actually uploaded correctly to Moodle.
2. **That when you download your submission from Moodle, that you can save it in a temporary location on your laptop, and actually unzip, load, and execute it on the Altera DE0-CV board. (if I can't do this with the zip file you submit for ANY reason, you will loose significant credit for the assignment.)**