University of Pennsylvania
Department of Electrical and System Engineering
System-on-a-Chip Architecture

ESE532, Fall 2018 — Project Supplemental — Wednesday, November 28

Due: Friday, December 7, 5:00PM

We intend to run your compression routines. To make sure the process is consistent across teams, please comply with the following standards.

1. Provide a bitstream, elf executable, and decoder for your encoder.
   - Turn in a tar file to the designated final implementation assignment on canvas.
   - One turnin for team.
   - Should be a single tar file, containing three files:
     - `encoder.bit` for bitstream
     - `encoder.elf` for ARM elf executable
     - `Decoder.cpp` configured to work with your encoded file. (Most likely, this is just the `Decoder.cpp` we supplied; however, if you chose a different maximum block size, you may need to change `CODE_LENGTH`; so give us back one with that change made.)
2. Your compression program should start up ready to receive inputs.
3. After completing reception, have your compression program store the compressed data to a file `compress.dat` in the top-level directory on the SD-Card.