Project Guidelines

Guidelines

1. **Vivado Installation:**

   - After downloading the Vivado 2018.2 from the link below,
     http://jatinga.iitg.ernet.in/download/
   - Install the Vivado by running the `setup.sh` script in the Vivado folder.
   - Install the system edition of Vivado.

2. **For keras2c:**

   - Try installing using the instructions given in the GitHub repository. Make sure all the required libraries are installed.

   - Initially try to convert the example available in the "example" folder of the repository to make sure installation is fine.
     https://github.com/f0uriest/keras2c/blob/master/README.rst
   - The converted code might not be synthesizable in vivado initially. Try to make modifications to the code[make sure functionality doesn't disrupt] and synthesize it.

3. **For Hls4ml:**

   - Try following the setup steps on the official website from below link.
     Setup
     The below tutorial might help to install and start using it.
     Tutorial on YouTube

Note: Make sure you have explored all ways of trying out things from the resources available over the internet. If at all stuck, try reaching out to the concerned assigned TA.