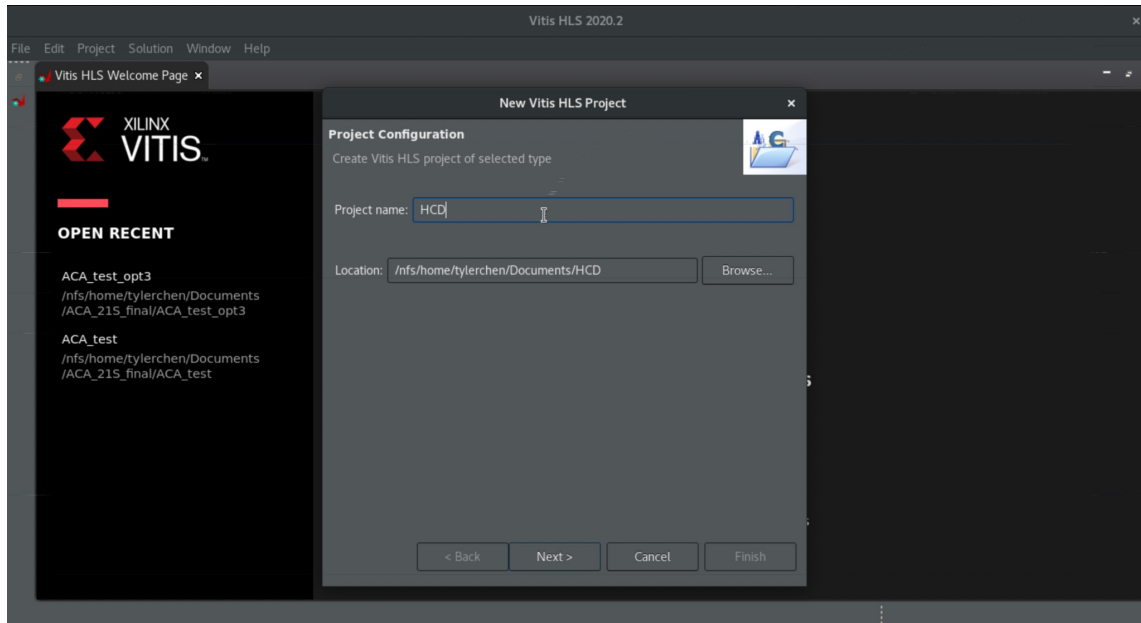


Step 0. Clone Repository

```
$ git clone https://github.com/yqchene/ACA_21S_final
```

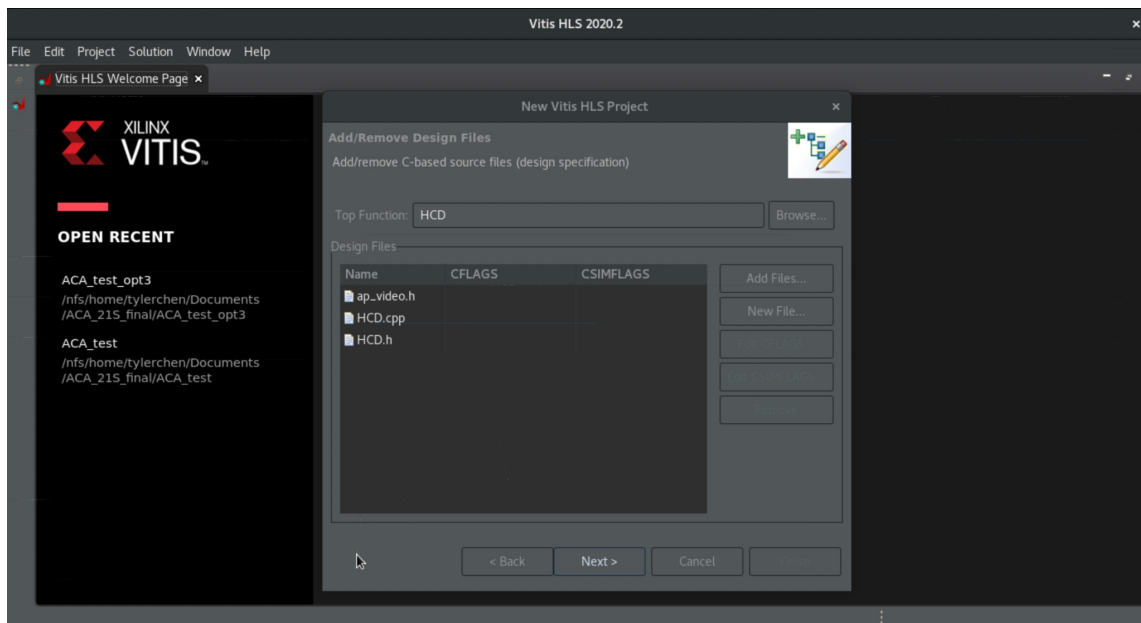
Step 1. Create Project

Set Location to where you clone the repository



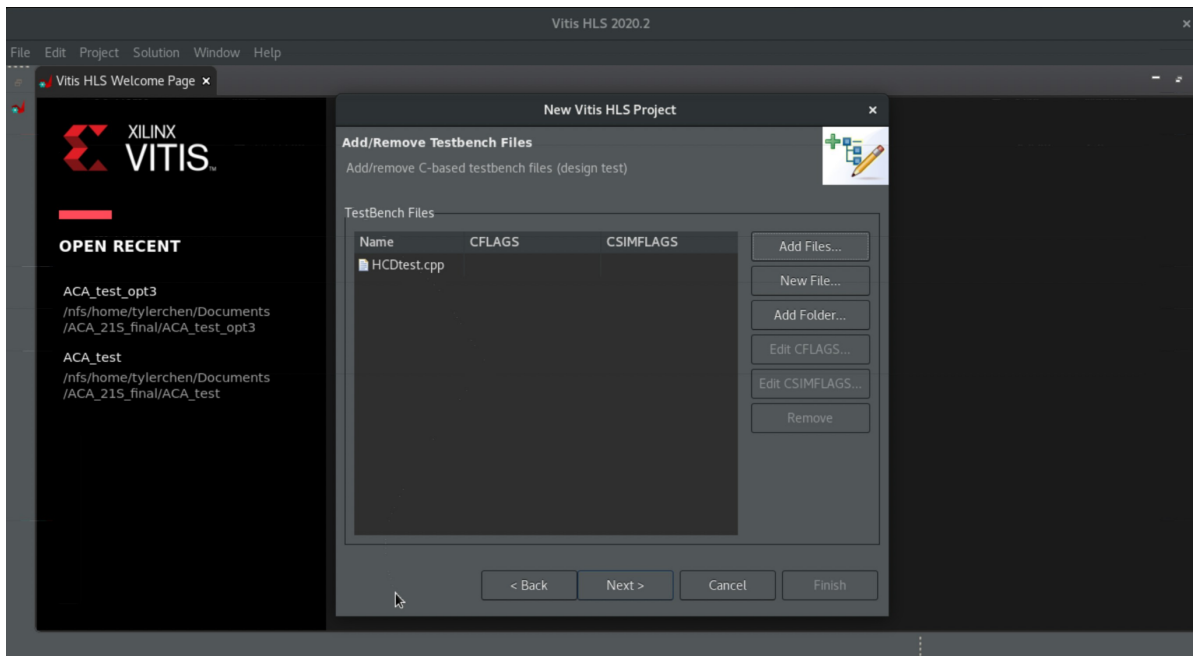
Step 2. Add Source File

Add ap_video.h, HCD.cpp, HCD.h to source.



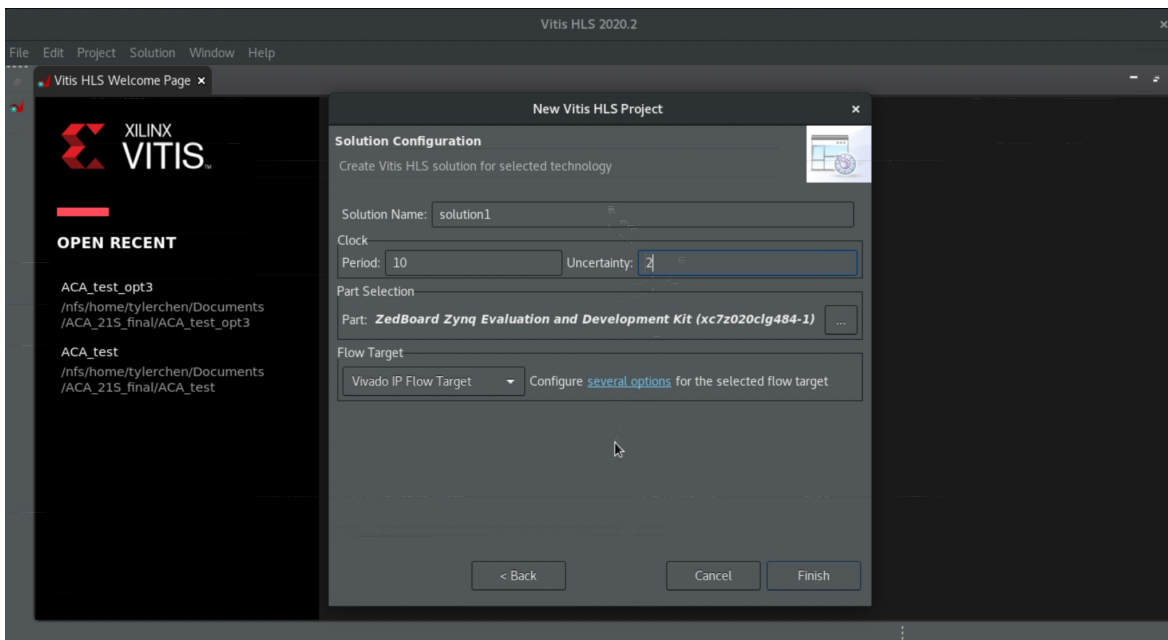
Step 3. Add Testbench File

Add HCDtest.cpp to testbench

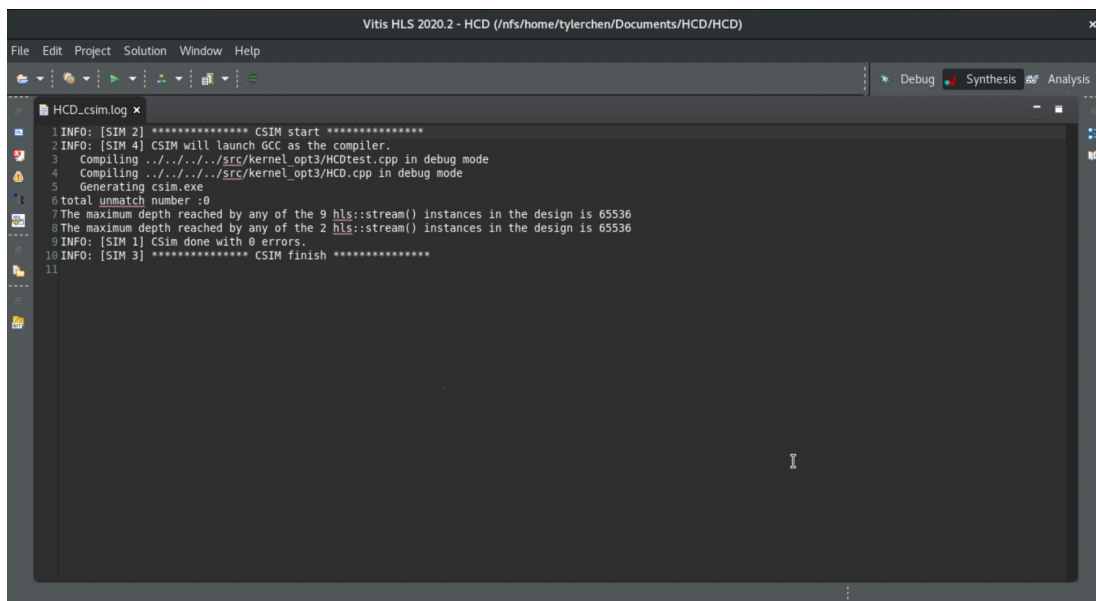
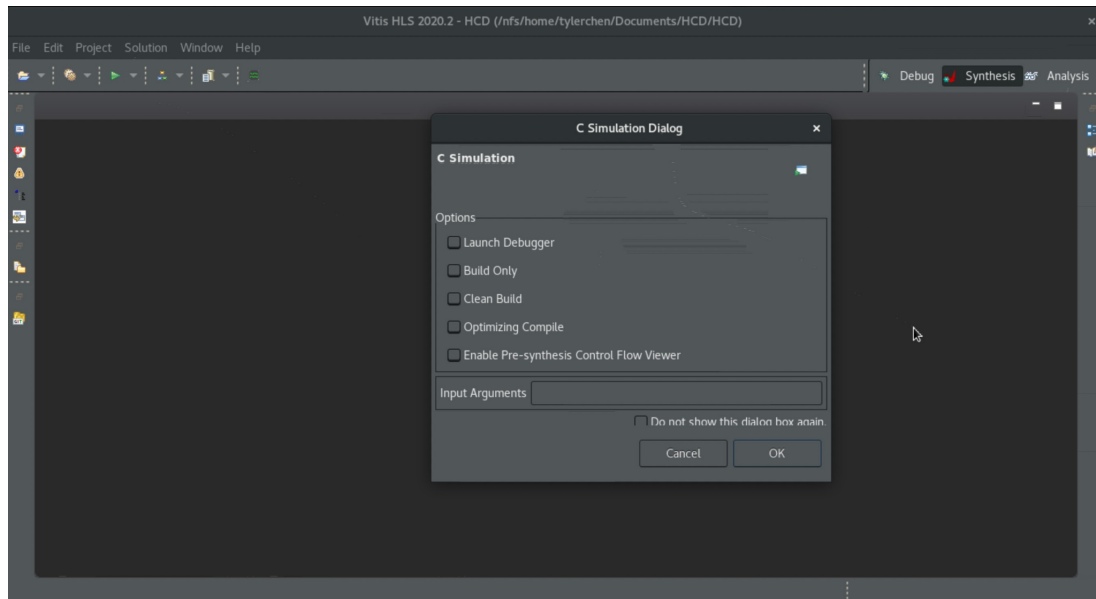


Step 4. Set Solution Configuration

Set period to 10 and uncertainty to 2. Set Zenboard Zynq in Part selection.



Step 5. Start Simulation



Step 6. Start Synthesis

Set HCD to top function first.

