

Introduction to Open CL on FPGAs (Intel Coursera)

Week 3 - Compiling OpenCL Kernel to FPGAs

Question 1:

What is the flow for compiling OpenCL kernel to FPGAs?

- ☐ Kernels are translated directly into an AOC executable file which is what is used to program the FPGA or Flash
- ☐ Kernels are first translated into an AOC executable file (.aocx), then the executable file is used to generate the AOC Object file (.aoco) which is used to program the FPGA or Flash.
- ☐ Kernels are translated directly into an AOC Object file (.aoco) which is what is used to program the FPGA or Flash.
- ☒ Kernels are first translated into an AOC Object file (.aoco), then the object file is used to generate the AOC executable file (.aocx) which is used to program the FPGA or Flash.

(Kernels need to be translated into AOC object file in order to generate the AOC executable files. The AOC files are then used to program the FPGA or Flash)

Question 2

Which of the following is the kernel executable file used to program the FPGA?

- ☐ The Object file (.aoco)
- ☐ The representation file(.aocr)
- ☒ The Executable file (.aocx)
- ☐ kernel log

(The .aocx file is the bitstream programmed onto the FPGA)