



FPGA Computing Systems : Background Knowledge & Introductory Materials

Quiz Answers

Week 4 : Abstractions

Name : Harsh Siddhapura

Degree : Bachelor of Technology

Dept. : Information & Communication Technology



1. What is the reason behind the choice of moving from VHDL/Verilog descriptions to higher languages?

To ease designers life without losing (too much) in performance

Correct

Using higher level of abstractions is definitely a way to ease designers life, but it has also, sometimes, the drawback of losing a bit in final performance

To be less productive

To get closer to a gate-level description

To get closer to a more "software development" flow and, by doing this to allow the designers to work with familiar languages and frameworks

Correct

To open the access to FPGA acceleration to a wider audience of developers
