



Challenge 1: Getting Started

Part 1:

Watch the first chapter only title “Programming Basics” of the lynda.com videos: [Foundations of Programming: Fundamentals](#).

Then respond to the following following prompts:

1. Imagine asking a friend to meet you at a restaurant. What instructions would a computer program need that your friend would not in order to understand how to get there?
2. What is the difference between source code and machine code? What does the CPU do? Where are instructions and data stored?
3. What is an IDE and why is it useful?
4. What kind of language is Objective-C? Why do you think we use it for making device specific applications? Why wouldn't we want to use an interpreted language for making iPhone and iPad apps?

Part 2:

Now that you have finished the easy part, read chapters 1 through 11 of The Big Nerd Ranch book and complete all the exercises.