

Intro to Computer Science

Grade 11 – Pre AP

Thread 1, Day 3

It's Friiiiday! 🎉

Russell Gordon, Lakefield College School

Submit attendance!



Thread 1, Day 3

Agenda

- Setup: Open Xcode (to let it install additional components)
- Who to follow: Novall Swift, Apple engineer
- Recap: Decimal to Binary Conversion
- Creating a New Xcode Project to Store Notes
- Creating a Remote to Save Work
- Committing and Pushing Your Work
- Data Types in Swift: `Int`
- Operators in Swift: Integer Division and Remainder

Topics in Computer Science

D3: Describe... career prospects related to computer studies

- Novall Swift
 - Apple Engineer
 - (Twitter / Instagram)
 - First post in her "Day in a Life" series; Twitter
 - Posts about life in California
 - Life as a software engineer

Please grab a sheet of
paper...

Data

AP CSP: Big Idea #2

- Abstraction
 - Abstraction is the process of reducing complexity by focusing on the main idea.
 - By hiding details irrelevant to the question at hand and bringing together related and useful details, abstraction reduces complexity and allows one to focus on the idea.

Data Types in Swift

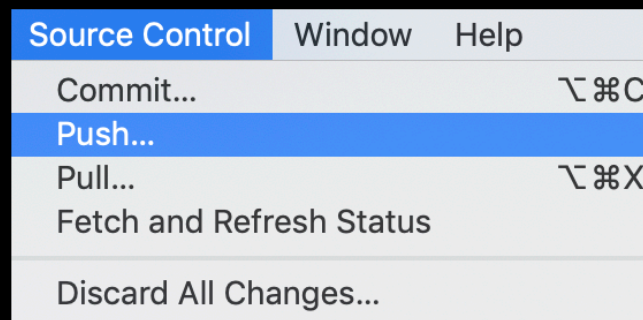
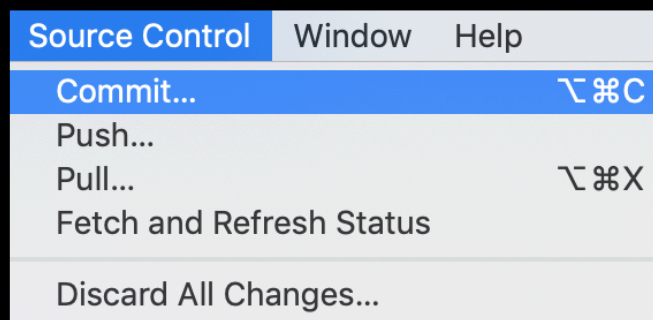
Int

- Let's open Xcode and create a project...
- How to Create a Personal Access Token for Xcode
- Then we will create a remote
- Then we will learn to commit and push our work

“Commit” a file to add to the repository that stores work on your local computer



“Push” your commits to save them on GitHub.com (this is key!)



Data Types in Swift

Integer Division and Remainder

- Let's open Xcode and create a Playground...

Thank-you!