



AP Computer Science Principles (Swift) Summer Assignment 2019

- 1 – Download the book from Apple at <https://books.apple.com/us/book/ap-computer-science-principles-with-swift/id1456795905>
 - 1a - Read the Introduction, About this Course, and Get Set
 - 1b - Complete the tasks in the Get Set section
 - Download Xcode
 - Download the Xcode materials

- 2 – Go <http://bjc.edc.org/bjc-r/course/bjc4nyc.html> and complete Units 1 and 2 of the course.

- 3 - Identify and research an innovation (app, device, software) involving FOOD, HEALTH, HOME, or OUTDOORS. Write a paragraph explaining the innovation's purpose, listing one beneficial impact and one potential harmful impact.

- 4 - Identify and research an innovation (app, device, software) involving GPS/MAPPING, SHOPPING or TRAVEL. Write a paragraph explaining how data is input, output or transformed including the specific data the innovation involves.

- 5 - Review the infographics at <http://www.hongkiat.com/blog/55-interesting-social-media-infographics/> Select one infographic. Summarize the information provided including descriptions of the graphical representations included and what can be learned about the purpose, impact of or use of social media from the infographic.

- 6 - Read Blown To Bits: Your Life, Liberty, and Happiness After the Digital Explosion by Harry Lewis, Ken Ledeen, and Hal Abelson. The book can be found at <http://bitsbook.com> and submit a review of chapters 1 to 5 on first day of class.

Supplies needed

- Apple Mac Computer
- Composition book

