



# Java – AP COMP A

AP Computer Science A class is a test prep course. Teach data type, conditional statements, loop, array, method and Object Oriented Concepts with large amount of practice problems and mock tests.

## Prerequisite

- Finish Java Level 1 and Level 2 course.
- **OR**, take our entry test by emailing [usacocoach2018@gmail.com](mailto:usacocoach2018@gmail.com)
- Pre-algebra level math is required

## Course Description

- **Java Level 1 Course** is designed to focus on learning Java Programming language from scratch. Provide with a solid foundation in Java syntax and programming structure. Class time is 90 minutes/lesson
- **Java Level 2 Course** is designed to focus on writing small project using Java. Provide best solution while learning data structures and programming tricks. Class time is 90 minutes/lesson
- **AP Computer Science A Course** is designed to focus on AP Computer Science A prep. Provide best review while practicing mock problems. Class time is 60 minutes/lesson

## Course Syllabus (AP Computer Science A)

1. Prime Type
2. Using Object
3. Boolean and IF
4. Iteration
5. Class
6. Array
7. ArrayList
8. 2D Array
9. Inheritance
10. Recursion

## Course Details

- Use ZOOM for online video platform
- Class homework and video will be shared through google account. Student Gmail account is required
- Homework will be emailed to students after the lesson. Homework is required to submit and graded through [usacocoach2018@gmail.com](mailto:usacocoach2018@gmail.com).