

AP[®] Computer Science: Unit 5 Checklist

Introduction

- ☐ I created the three unit 5 subfolders: Documents, Lessons, and Assessments.
- ☐ My list of activities that involve loops is complete.

while Loops (Part 1)

- ☐ I can write **while** loops that terminate with counters.
- ☐ I know how to use the **random()** method of the **Math** class.

while Loops (Part 2)

- ☐ I can write **while** loops that terminate with user input.
- ☐ I understand the use of negation in **while** statement conditions.

Reading Text Files

- ☐ I know how to read information in from a text file.

for Loops

- ☐ I can write **for** loops.
- ☐ I understand the concept of pseudorandom numbers.

Nested Loops

- ☐ I can write simple nested loops.
- ☐ I know how to use the **Random** class to generate and select random numbers.

Writing Text Files

- ☐ I can write information to a text file.
- ☐ I can analyze a simple program using a desk check.
- ☐ I can write compound **boolean** statements.
- ☐ I can design and write a program to repetitively simulate random events, as well as read and write text files.

Challenge Program

- ☐ I can design and write a program that displays a menu, accepts user input, applies compound **boolean** logic, uses nested loops, selects random numbers, and prints results in a user-friendly format.
- ☐ I recognize that I can take steps to secure the privacy of my online information.

Checkpoint Epsilon

- ☐ I printed the Unit 5 Self-Evaluation Checklist.

Discussion

- ☐ I watched the videos about Computer Science and participated in the online Discussion.