

Advanced Placement Computer Science

Unit 10 – Strings

Each unit, you will have an assignment that includes some reading, some questions from the reading, called Review Exercises, and between one and three programming exercises.

Calendar of Meeting Places for November/December

27	28 <u>Class</u> Lesson 10.1 and String CodingBat	29	30 <u>Lab</u> Work on String 1 CodingBat/AP Classroom Assignment	1	2 <u>Class</u> Lesson 9.4 and Unit 10 Programs	3
4	5 <u>Lab</u> Unit 10 Programs	6	7 <u>Lab</u> Unit 10 Programs	8	9 <u>Lab</u> Unit 10 Programs	10
11	12 <u>Lab</u> Complete Unit 10 Programs	13 <u>Finals</u> Period 1, 6, 7	14 <u>Finals</u> Period 2, 4	15 <u>Finals</u> Period 3, 5	16	17

Assignment Type	Description
Reading	Java Methods – Chapter 10
Homework Exercises	<u>Programming</u> CodingBat Programming Assignments Please see CodingBat schedule for due dates

Program #1

Exploring with the String class methods

You are to do the following CodingBat String1 methods (**in addition to the required String1 methods**). These are meant to explore the use of the methods of the String class that you are expected to know.

Method Name	String methods that you might use.
1. makeTags	No methods needed. You will explore concatenation.
2. firstTwo	substring, length
3. extraEnd	substring, length
4. hasBad	substring, length, equals, indexOf
5. seeColor	substring, length, equals, indexOf

Program #2

PigLatin Lab

Refer to my website for detailed instructions and starter files for this project