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**Lab 7**

**3/11/2024**

Description: In this lab we are introduced to Coding Bat and worked through a couple problems. We also found the importance of the progress bar and why we should use it.

3.

Coding Bat also includes Python coding problems.

4.

Coding Bat offers categories such as Warmups, Strings, Arrays, Logic and Recursion. Newer releases have been Maps, and Functional filtering and mapping operations.

6.

When weekday and vacation were both false, it should run true but it’s false.

When weekday was true and vacation was false, it should run false but it’s true.

These two were the errors in the program, the rest of the combinations were true as expected.

7.

The program had a compiling error because the symbol BSmile hasn’t been established.

9.

When aSmile and bSmile were both false, it should run true but it’s false.

When aSmile was false and bSmile was true, it should run false but it’s true.

These two were the errors in the program, the rest of the combinations were true as expected.

10.

All of the boxes are checked green.

11.

The progress bar shows a green and red bar. The green bar represents the number of expected outputs that were correct, with red representing the opposite. Each bar represents every time the program has been run. This is helpful because it shows how close you are/were to solving a problem. It also shows how many tries it took.

12.

There is a green check mark next to monkeyTrouble because I completed it.

13.

There are more graphs and they’re overlapping depending on the number of correct runs. It forms a bell curve in a sense.

14.

I got a star!

15.

I did: diff21, parrotTrouble, makes10 and nearHundred.

16.

We don’t need to turn in code because you can view it as we shared it with you.