

Lab 7 – 20 pts

You can download the Python file Lab7-Exercises.py and write your lines of code under each instructional comment.

- 1) Take a screenshot of the outputs AND the python script of the exercise and name the files as "yourname_cs110_lab7" and submit to Canvas.
- 2) Save the editor/python file as yourname_cs110_lab7.py and submit it to Canvas.
 - a. Make sure to save it with the .py extension.

[5 pts] Task 1

Create a multiplication table for a user-input number.

- Ask the user to input a number. (Explicitly ask a question and use a colon ":").
- Use a while loop to print the multiplication table for that number from 1-10.

Example Output:

3 x 1 = 3

3 x 2 = 6

...

3 x 10 = 30

[15 pts] Task 2

Give this a go with your neighbor in class!

Player 1 will input a secret number. Player 2 will guess it.

1. Create a variable to store Player 1's secret number.
2. Prompt Player 1 to enter a number from 1-20 only. (Explicitly ask a question and use a colon ":").
3. Clear the screen for Player 2 by printing 20 new lines using "\n".
4. Have Player 2 guess the secret number.

- Use a while loop to keep Player 2 guessing until they get the number correct.
- If Player 2 guesses lower than the number, print "Too low".
- If Player 2 guesses higher than the number, print "Too high".
- If Player 2 guesses the correct number, print "Congrats you guessed it!"
- End the game.