

CODE LAB I

ASSESSMENT 1: Programming Skills Portfolio

Contribution towards overall module mark	40%
Date set	25 th September ,2024
Marked work returned by	Within 3 weeks of submission
DEADLINES	Deadline : Nov 1, 2024 – 23:59

Assessment 1: Programming Skills Portfolio

Students Name	Vince Matthew C. Caballero
Roll No	4-24-027
Assignment Brief	<p>NOTE: All bonus requirements have been met</p> <p>Exercise 1: Coding is Cool</p> <ul style="list-style-type: none">Prints the string “Coding is Cool” using three variables.Demonstrate string concatenation (and using f-strings). <p>Exercise 2: Simple Sums</p> <ul style="list-style-type: none">Initializes two variables containing the numbers 8 and 10.Another variable is the sum of the first two variables, which is printed onto the terminal. <p>Exercise 3: Biography</p> <ul style="list-style-type: none">Create a dict named “biography” containing the keys “name,” “hometown,” and “age.”The user is prompted to fill in the values of the keys, which will then be printed onto the console. <p>Exercise 4: Primitive Quiz</p>

- Quizzes the user about the capitals of 10 European countries.
- The score is tallied and shown to the user after the quiz.

Exercise 5: Days of the Month

- Prompts the user for a number corresponding to a month and returns the number of days in said month.
- If the month is February, the program will ask if it's a leap year. You may also simply enter a year (e.g. 2024), and it will do the math.

Exercise 6: Brute Force Attack

- Gives the user 5 attempts to enter the correct password to log into Batman's Batcave.
- If the user fails within 5 attempts, the program will (not) call the authorities.

Exercise 7: Some Counting

- Uses for loops to count with specific ranges.
- All loops are put into their own functions which can be called through a simple navigation menu.

Exercise 8: Simple Search

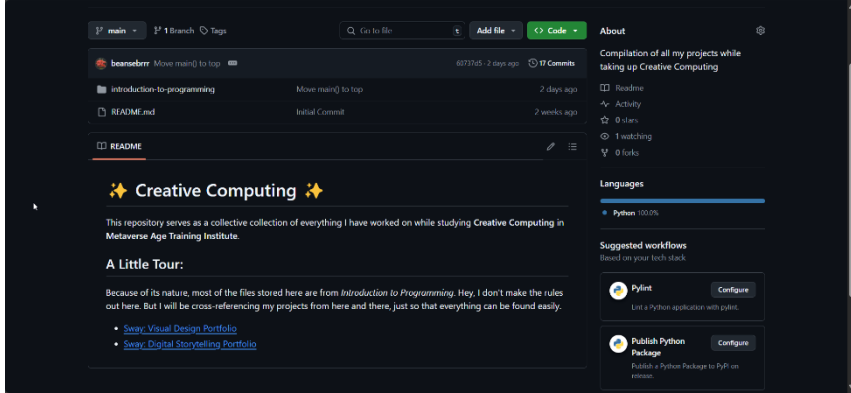

- Lets the user search for a specific name in a list.
- Added a function to add a new name, as well as to simply print out the whole list.

Exercise 9: Hello

- Created a hello() and main() function.
- hello() accepts an argument which will make the program greet a specific person.

Exercise 10: Is It Even

- Prompts the user for an int, and the program determines whether the int is odd or even.
- It can also check if the int is a prime number.

GitHub Repository Name	creative-computing
GitHub Repository Link	https://github.com/beansebrrr/creative-computing/introduction-to-programming/assessments/A1-programming-skills-portfolio
Repository Screen Shot	
Course Completion Certificate Link	https://www.sololearn.com/certificates/CC-EBJNW2TD
Course Completion Certificate Screenshot	
Other comments	I have a lot of documentation in the assessment's README, it may be worth reading if you'd like to see my thought processes.