CODE LAB I

ASSESSMENT 1: Programming Skills Portfolio

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

**Assessment 1: Programming Skills Portfolio**

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| **Students Name** | Vince Matthew C. Caballero |
| **Roll No** | 4-24-027 |
| **Assignment Brief** | NOTE: All bonus requirements have been met  Exercise 1: Coding is Cool   * Prints the string “Coding is Cool” using three variables. * Demonstrate string concatenation (and using f-strings).   Exercise 2: Simple Sums   * 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.   Exercise 3: Biography   * 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.   Exercise 4: Primitive Quiz   * 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. |