**Project-01: Coin Sorter**

**Objective:**

Create a coin sorting program that will take a normal decimal amount entered in such as $123.45 and convert it into the exact amount in change using as few coins as possible.

**Recommended Programming Language:**

* Python

**Recommended by:**

* [Frostwolf74](https://github.com/Frostwolf74)

**Requirements:**

1. **Conversion logic**:
   * Only using coins of value ¢1, ¢5, ¢25, $1 and $2
2. **User Display Options:**
   * Display how many of each coin were needed for the conversion

**Program/Menu Example:**

NA

**Concepts Covered:**

* **Error Handling** (Handling incorrect inputs or failed detections)
* **Loops and Conditionals** (Sorting logic using if-else and loops)

**Hints to Get Started:**

* Think about how to structure the loop to get a valid input
* Think about how to structure the loops and conditionals statements to convert the amount

**Bonus Challenges (Optional):**

* NA

**Expected Outcome:**

By the end of this assignment, participants should be able to:

* Handle basic user input/output.
* Looping and Conditionals