Week 1

Submission File: `extra01.py`

In this exercise, you will create a simple currency converter program. Currency conversion is a common task in many financial applications, and this exercise will help you practice basic programming concepts such as variable assignment, reading input from the user, performing arithmetic operations, and printing output to the console.

Write a program that prompts the user for the origin currency name, the destination currency name, the exchange rate to convert from the origin currency to the destination currency, and the amount of money in the origin currency. The program should then calculate and display the equivalent amount in the destination currency, with all numeric values rounded to two decimal places.

In the examples below, the bold text represents what the user types in as input.

Example 1:

```
Enter the origin currency name
US Dollars
Enter the destination currency name
Euros
Enter the exchange rate from US Dollars to Euros
0.95
Enter the amount in US Dollars
100
100.00 US Dollars is equivalent to 95.00 Euros
```

Example 2:

```
Enter the origin currency name
British Pounds
Enter the destination currency name
Japanese Yen
Enter the exchange rate from British Pounds to Japanese Yen
195
Enter the amount in British Pounds
2.50
2.50 British Pounds is equivalent to 487.50 Japanese Yen
```

Hints:

- Your outputs must match the examples exactly, including spaces, for the autograder to validate your work.
- Instead of using input("question") to display prompts and read in values in a single line, you should use print() to display your prompts and input() or read in values as separate actions. This will make it easier for you to include variables in your outputs.
- Instead of round(), use "...".format() to output numeric values to 2 decimal places including trailing zeroes.