Lesson 9 Assignment – Alyssa Doughty

import locale

locale.setlocale(locale.LC\_ALL, 'en\_US.UTF-8')

def get\_income():

while True:

try:

income = input("Enter your total income: ")

income = float(income)

if income < 0:

raise ValueError("Income cannot be negative. Please enter a valid income amount.")

return income

except ValueError as e:

print(f"Invalid input. Error Code: {e}")

def get\_expenses():

expenses = []

while True:

try:

expense = input("Enter an expense amount (or type '0' to finish): ")

if expense.lower() == '0':

break

expense = float(expense)

if expense < 0:

raise ValueError("Expense cannot be negative. Please enter a valid expense amount or 0.")

expenses.append(expense)

except ValueError:

print("Invalid input. Please enter a valid number for expense.")

except ValueError as e:

print(e)

return expenses

def main():

print("Welcome to the Simple Budget Tracker")

print("This program will help you calculate your monthly budget, track expenses, and determine your remaining budget.")

income = get\_income()

expenses = get\_expenses()

total\_expenses = sum(expenses)

remaining\_budget = income - total\_expenses

print("\n--- Budget Results ---")

print(f"Total Income: {locale.currency(income, grouping=True)}")

print(f"Total Expenses: {locale.currency(total\_expenses, grouping=True)}")

print(f"Remaining Budget: {locale.currency(remaining\_budget, grouping=True)}")

print("\n--- Complete Expense List ---")

for i, expense in enumerate(expenses, start=1):

print(f"Expense {i}: {locale.currency(expense, grouping=True)}")

if \_\_name\_\_ == "\_\_main\_\_":

main()

print("Completed by Alyssa Doughty")





