Functions Challenge 33:
Bank Deposit and Withdrawal App

Description:
You are responsible for writing a program that will simulate an online banking application. A user will create an account with your fictitious bank. The account will include a savings account and a checking account. Users will then be able to make deposits or withdrawals from either account as long as the remaining balance is non negative.

Step By Step Guide:
Define your functions:

- Define a function get_info() which will take zero parameters.
    - Print a welcome message.
    - Get user input for their name.
    - Get user input for an initial deposit into their savings account.
    - Get user input for an initial deposit into their checking account.
    - Create a dictionary that has three key-value pairs.
        - Each input from the user should be a value that is paired with a corresponding key.
    - Return the dictionary.

- Define a function make_deposit() which will take three parameters; a dictionary representing a bank account, a string which will represent a type of account (savings or checking) and a float representing how much money to deposit to the account.
    - Update the correct key-value pair in the dictionary to add the given amount of money to the correct account.
    - Print a message confirming this update.
    - There is no need to return our dictionary since it is a mutable object and can be changed right inside of the function.

- Define a function make_withdrawal() which will take three parameters; a dictionary representing a bank account, a string which will represent a type of account (savings or checking) and a float representing how much money to withdraw from the account.
    - If the account will have a positive balance after the transaction:
        - Update the correct key-value pair in the dictionary to subtract the given amount of money to the correct account.
        - Print a message confirming this update.
    - Else, the account has a negative balance.
        - Do not update the account.
        - Print a message that the user will have a negative balance and therefore no transaction has occurred.
    - There is no need to return our dictionary since it is a mutable object and can be changed right inside of the function.

- Define a function display_info() which will take one parameter; a dictionary representing a bank account.
    - Print all the information in the given dictionary.
    - There is no return value for this function.

Your main code:

- Create an account by calling the get_info() function.

- Create a flag variable and set it to True.
- Use this variable with a while loop to. Each iteration you should:
    - Display the current account information by calling the dispaly_info() function.
    - Get user input for the type of account they would like to access.
    - Get user input for the type of transaction they would like to make.
    - Get user input for how much money they wish to work with.
    - If the given account type is either savings or checking:
        - If the transaction is either deposit or withdrawal:
            - Call the appropriate function representing the transaction.
        - Else, print a message stating that the transaction cannot be completed.
    - Else, print a message stating that the transaction cannot be completed.
    - Get user input for if they would like to make another transaction.
        - If they do not:
            - Display the current account information by calling the display_info() function.
            - Print a thank you message and end the program.

- Use at least 2 comments to describe sections of your code.
- “Chunk” your code so that is readable.
- Use appropriate and informative variable names.
- Format your output as below.

Example Output:

Welcome to the Python First National Bank.

Hello, what is your name: john james
How much money would you like to set up your savings account with: 1200
How much money would you like to set up your checking account with: 300

Current Account Information:
Name: John James
Savings: $1200
Checking: $300

What account would you like to access (Savings or Checking): savings
What type of transaction would you like to make (Deposit or Withdrawal): deposit
How much money: 150

Deposited $150 into John James's savings account.
Would you like to make another transaction (y/n): y

Current Account Information:
Name: John James
Savings: $1350
Checking: $300

What account would you like to access (Savings or Checking): SAVINGS
What type of transaction would you like to make (Deposit or Withdrawal): withdrawal
How much money: 50

Withdrew $50 from John James's savings account.
Would you like to make another transaction (y/n): y

Current Account Information:
Name: John James
Savings: $1300
Checking: $300

What account would you like to access (Savings or Checking): Checking
What type of transaction would you like to make (Deposit or Withdrawal): WITHDRAWAL
How much money: 500

Sorry, by withdrawing $500 you will have a negative balance.
Would you like to make another transaction (y/n): y

Current Account Information:
Name: John James
Savings: $1300
Checking: $300

What account would you like to access (Savings or Checking): credit
What type of transaction would you like to make (Deposit or Withdrawal): deposit
How much money: 40

I'm sorry, we cannot do that for you today.
Would you like to make another transaction (y/n): y

Current Account Information:
Name: John James
Savings: $1300
Checking: $300

What account would you like to access (Savings or Checking): savings
What type of transaction would you like to make (Deposit or Withdrawal): d
How much money: 550

I'm sorry, we cannot do that for you today.
Would you like to make another transaction (y/n): n

Thank you. Have a great day!