



Here is the corrected version of your code. There were a few minor issues that needed fixing:

1. The correct number of states is 50, but your loop should check the length of ``states_and_capitals`` instead of hardcoding ``50``.
2. Correct the spelling error in 'number' in the final print statement.
3. Ensure the ``main()`` function is only called when the script is executed directly.

Here is the updated code:

Changes made:

- Corrected the spelling of 'Bismarck' and 'Augusta'.
- Changed the loop to ``while states_and_capitals`` to handle any number of states dynamically.
- Added ``if __name__ == "__main__":`` to ensure ``main()`` runs only when the script is executed directly.
- Ensured the count is converted to string in the print statement for consistency.

can I add a line for user to quit the quiz and get their score?

Certainly! You can add an option for the user to quit the quiz at any time by entering a specific keyword (e.g., "quit"). If the user enters this keyword, the quiz will end, and their current score will be displayed. Here's how you can modify the ``quiz`` function to include this feature:

```
if user_answer.lower() == "quit": # Check if the user wants to quit
    break
```

how do I get it to give me a random state instead of run through the list?



To make the quiz present states in a random order, you can use Python's `random` module to shuffle the states before starting the quiz. Here's how you can modify the `quiz` function to use a random order:

1. Import the `random` module.
2. Convert the dictionary keys to a list and shuffle it.
3. Iterate through the shuffled list to present the quiz questions.

Here is the updated code:

```
states = list(states_and_capitals.keys()) # Get a list of states
random.shuffle(states) # Shuffle the list of states

for state in states: # Loop through the shuffled list of states
    capital = states_and_capitals[state]
    print('What is the capital of this state?:', "\033[1m" + state + "\033[0m")
    user_answer = input('Your entry:')

    if user_answer == capital: # Values count and correct/incorrect
        count += 1
        print("\033[1m" + "\033[92m" + 'Correct!' + "\033[0m")
    else:
        print("\033[1m" + "\033[91m" + "Incorrect" + "\033[0m")
```