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# Michael Perrone Integration Project Final
# Quiz Game
# Sources/Help: Lesson 4 For loop with range Snakify
# Sources/Help: Lesson 8 Functions and recursion Snakify
# Sources/Help: Concepts from Python Activities 1-15
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def printGreeting():
    print("Hello! Welcome to this quiz game!")
printGreeting()
print("The first section of this quiz is multiple choice. Good luck!")
score = 0
# Question #1
answer1 = input(" When was Florida Gulf Coast Founded? \na. 1992 \nb. 1991 \nc. 1993 \nAnswer: ")
if answer1 == "b" or answer1 == "1991":
    score += 1
    print("You are Correct!")
    print("Score:", score)
    print("\n")
else:
    print("You are Incorrect. The answer is 1991.")
    print("Score:", score)
    print("\n")

# Question #2
answer2 = input("What is the capital of Florida? \na. Tallahassee \nb. Orlando \nc. Jacksonville \nAnswer: ")
if answer2 == "a" or answer2 == "Tallahassee":
    score += 1
    print("You are Correct!")
    print("Score:", score)
    print("\n")
else:
    print("You are Incorrect. The answer is Tallahassee.")
    print("Score:", score)
    print("\n")

# Question #3
answer3 = input(" When was Florida granted Statehood? \na. 1817 \nb. 1825 \nc. 1845\nAnswer: ")
if answer3 == "c" or answer3 == "1845":
    score += 1
    print("You are Correct!")
    print("Score:", score)
    print("\n")
else:
    print("You are Incorrect. The answer is 1845.")
    print("Score:", score)
    print("\n")

# Question #4
answer4 = input("Where is Disney World located? \na. Orlando \nb. Anaheim \nc. Tampa \nAnswer: ")
if answer4 == "a" or answer4 == "Orlando":
    score += 1
    print("You are Correct!")
    print("Score:", score)
    print("\n")
else:
    print("You are Incorrect. The answer is Orlando.")
    print("Score:", score)
    print("\n")

# Question #5
answer5 = input("What building is COP 1500 located in? \na. Edwards Hall \nb. Howard Hall \nc. Holmes Hall \nAnswer: ")
if answer5 == "c" or answer5 == "Holmes Hall":
    score += 1
    print("You are Correct!")
    print("Score:", score)
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    print("\n")
else:
    print("You are Incorrect. The answer is Holmes Hall.")
    print("Score:", score)
    print("\n")

# Question #6
answer6 = input("What is the largest city in Florida in terms of Area? \na. Orlando \nb. Jacksonville \nc. Miami \nAnswer: ")
if answer6 == "b" or answer6 == "Jacksonville":
    score += 1
    print("You are Correct!")
    print("Score:", score)
    print("\n")
else:
    print("You are Incorrect. The answer is Jacksonville.")
    print("Score:", score)
    print("\n")

# Question #7
answer7 = input("What is the largest river in Florida? \na. The St. Johns River \nb. The Mississippi River \nc. The Red River \nAnswer: ")
if answer7 == "a" or answer7 == "The St. Johns River":
    score += 1
    print("You are Correct!")
    print("Score:", score)
    print("\n")
else:
    print("You are Incorrect. The answer is The St. Johns River.")
    print("Score:", score)
    print("\n")

# Question #8
answer8 = input("How many counties does Florida have? \na. 66 \nb. 67 \nc. 65 \nAnswer: ")
if answer8 == "b" or answer8 == "67":
    score += 1
    print("You are Correct!")
    print("Score:", score)
    print("\n")
else:
    print("You are Incorrect. The answer is 67.")
    print("Score:", score)
    print("\n")

# Question #9
answer9 = input("Approximately how many people move to Florida each day? \na. 2000 \nb. 1000 \nc. 15000 \nAnswer: ")
if answer9 == "b" or answer9 == "1000":
    score += 1
    print("You are Correct!")
    print("Score:", score)
    print("\n")
else:
    print("You are Incorrect. The answer is 1000.")
    print("Score:", score)
    print("\n")

# Question #10
answer10 = input("What percentage of Floridas total area Is water? \na. 7% \nb. 10% \nc. 20% \nAnswer: ")
if answer10 == "a" or answer10 == "7%":
    score += 1
    print("You are Correct!")
    print("Score:", score)
    print("\n")
else:
    print("You are Incorrect. The answer is 7%.")

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print("Score:", score)
print("\n")

print("Moving on to true or false questions")

#Question #11
answer11 = input("Florida's population has doubled since 1980 \nt. \nf. \nAnswer: ")
if answer11 == "t" or answer11 == "true":
    score += 1
    print("You are Correct!")
    print("Score:", score)
    print("\n")
else:
    print("You are Incorrect. The answer is true.")
    print("Score:", score)
    print("\n")
#Question #12
answer12 = input("Florida is the southernmost U.S. state \nt. \nf. \nAnswer: ")
if answer12 == "f" or answer12 == "false":
    score += 1
    print("You are Correct!")
    print("Score:", score)
    print("\n")
else:
    print("You are Incorrect. The answer is false.")
    print("Score:", score)
    print("\n")
#Question #13
answer13 = input("Key West has the highest average temperature in the U.S. \nt. \nf. \nAnswer: ")
if answer13 == "t" or answer13 == "true":
    score += 1
    print("You are Correct!")
    print("Score:", score)
    print("\n")
else:
    print("You are Incorrect. The answer is true.")
    print("Score:", score)
    print("\n")
#Question #14
answer14 = input("Key Largo is typically known as the Dive Capital of the World \nt. \nf. \nAnswer: ")
if answer14 == "t" or answer14 == "true":
    score += 1
    print("You are Correct!")
    print("Score:", score)
    print("\n")
else:
    print("You are Incorrect. The answer is true.")
    print("Score:", score)
    print("\n")
#Question #15
answer15 = input("Fort Meade is the newest settlement in Polk County \nt. \nf. \nAnswer: ")
if answer15 == "f" or answer15 == "false":
    score += 1
    print("You are Correct!")
    print("Score:", score)
    print("\n")
else:
    print("You are Incorrect. The answer is false.")
    print("Score:", score)
    print("\n")

# Quiz Review
print(score)
if score >= 11:
    print("You got these many questions correct:", score,)

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if score == 12:
    print("You got these many questions correct:", score, "Good job!")
if score == 13:
    print("You got these many questions correct:", score, "Great job!")
if score == 14:
    print("You got these many questions correct:", score, "Amazing!")
elif score == 15:
    print("You got these many questions correct:", score, "You got a perfect score!")

def printGoodbye():
    print("Thanks for playing!")
printGoodbye()
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