~\Downloads\trivia.py

```python
import tkinter as tk

Trivia = [
    {
        "questions": "What Country is Paris located in?",
        "options": ["United Kingdom", "United States", "Germany", "France"],
        "answer": "France"
    },
    {
        "questions": "What is the capital of Romania?",
        "options": ["Bucharest", "Sibiu", "Dej", "Oradea"],
        "answer": "Bucharest"
    },
    {
        "questions": "What continent is Ghana located in?",
        "options": ["North America", "South America", "Asia", "Africa"],
        "answer": "Africa"
    },
    {
        "questions": "What country does France share its longest land border with?",
        "options": ["United States", "Germany", "Brazil", "Africa"],
        "answer": "Germany"
    },
    {
        "questions": "What is considered the country that never gets dark?",
        "options": ["Norway", "Sweden", "Poland", "Finland"],
        "answer": "Finland"
    },
    {
        "questions": "What is a city in Brazil?",
        "options": ["Salvador", "Puebla", "Monterrey", "Bilbao"],
        "answer": "Salvador"
    },
    {
        "questions": "What the largest city in the United States?",
        "options": ["Los Angeles", "Houston", "New York City", "Miami"],
        "answer": "New York City"
    },
    {
        "questions": "What Country is NOT part of North America",
        "options": ["United States", "Panama", "Mexico", "Canada"],
        "answer": "Panama"
    }
]


score = 0
QSearch = ""
```

```python
49   Qindex = 0
50   AnsIndex = 0
51
52   def run_QandO(Trivia):
53       global score
54       global QSearch
55
56       begin_game_btn.pack_forget()
57
58       if Qindex < len(Trivia):
59           QSearch = Trivia[Qindex]
60           Qlabel.config(text=QSearch["questions"])
61
62           for i, option in enumerate(QSearch["options"]):
63               AnsIndex = i
64               option_buttons[i].pack(pady=5)
65               option_buttons[i].config(text=option, command=lambda q=QSearch, Idx=i
     :check_answer(q, Idx)) #ChatGPT Was used to debug this lambda function Prompt: The lambda
     function does not seem to be passing in the attributes I assigned, can you fix that.
66
67
68   def check_answer(QSearch, AnsIndex):
69           global score
70           global Qindex
71
72           selected_answer = QSearch["options"][AnsIndex]
73           if selected_answer == QSearch["answer"]:
74               answer_label.config(text="Correct!")
75               score += 1
76           else:
77               answer_label.config(text="Incorrect!")
78
79           Qindex += 1
80           root.after(1500, hide_label) #This line was added by ChatGPT Prompt: Can you make the
     label dissapear after 1.5 seconds
81
82           if Qindex < len(Trivia):
83               run_QandO(Trivia)
84               SLabel.config(text= f"Your current score: {score} points.", font=("Arial", 12))
85           else:
86               SLabel.config(text=f"You finished the quiz! Your final score is: {score} out of 8
     points or {(score/8)*100}%! ", font=("Arial", 14, "bold"))
87               answer_label.config(text= "")
88               for i in range (4):
89                   option_buttons[i].pack_forget()
90
91               begin_game_btn.pack()
92               begin_game_btn.config(text = "Play Again?")
93               Qlabel.config(text= "")
94               Qindex = 0
95               score = 0
```

```python
96
97   #ChatGPT Start, Prompt: Make Label dissapear for 1.5 seconds
98   def hide_label():
99       answer_label.config(text="")
100  #ChatGPT End
101
102  root = tk.Tk()
103  root.title("World Geography Quiz")
104  frame = tk.Frame(root, bg="#1e90ff")
105  frame.pack()
106  root.geometry("600x400")
107  root.configure(bg="#1e90ff")
108
109  SLabel = tk.Label(root, text = "", font=("Arial", 12), bg="#1e90ff", fg="#333333")
110  SLabel.pack(pady=5)
111
112
113  Qlabel = tk.Label(root, text = "", font=("Arial", 14, "bold"), bg="#1e90ff", fg= "#333333")
114  Qlabel.pack(pady=10)
115
116
117  #chatgpt start, Prompt: create four customizable buttons for the options of my questions.
118  option_buttons = []
119  for i in range(4):
120      Obutton = tk.Button(root, text = "", font=("Arial", 12), bg="#cfb53b")
121      option_buttons.append(Obutton)
122  #chatgpt end
123
124  answer_label = tk.Label(root, text = "", font=("Arial", 12), bg="#1e90ff")
125  answer_label.pack(pady=10)
126
127  begin_game_btn = tk.Button(frame, text= "Start Game", command=lambda:run_QandO(Trivia), font=
     ("Arial", 12, "bold"), bg="#cfb53b")
128  begin_game_btn.pack(pady=5)
129
130
131  root.mainloop()
```