1.ChatBot

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In [ ]:  import requests
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In [ ]:  def chatbot():
             print("Hi! I'm a capital of country prediction chatbot!!")

             while(1):
                 print("What country would you like to know the capital of? Type 'exit' to q
                 country = input().lower()

                 if country == "exit":
                     print("Untill next time...\033[1;91mBbye!!\033[1;37m.!!")
                     break

                 url = f"https://restcountries.com/v2/name/{country}?fullText=true"

                 response = requests.get(url)
                 data = response.json()

                 if len(data) > 0:
                     try:
                         capital = data[0]["capital"]
                         print(f"The capital of {country.title()} is \033[1;32m{capital}\033
                     except:
                         print(f"{country.title()} is not a country yet :P\n")
                 else:
                     print("Country not found. Please try again.")
```

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In [ ]:  chatbot()

         Hi! I'm a capital of country prediction chatbot!!
         What country would you like to know the capital of? Type 'exit' to quit.
         The capital of India is New Delhi.

         What country would you like to know the capital of? Type 'exit' to quit.
         The capital of Nepal is Kathmandu.

         What country would you like to know the capital of? Type 'exit' to quit.
         Bihar is not a country yet :P

         What country would you like to know the capital of? Type 'exit' to quit.
         Untill next time...Bbye!!.!!
```

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In [ ]:
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