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# importing requests and json
Import requests

Def getWeather(data,date_time):
   Data = data[‘list’]
   For indx in range(len(data)):
      If data[indx][‘dt_txt’] == date_time:
         Print(“Temperature =”,data[indx][‘main’][‘temp’])
         Break
   Else:
      Print(“Enter proper Date & Time format as specified or Date and Time NOT FOUND”)

Def getWindSpeed(data,date_time):
   Data = data[‘list’]
   For indx in range(len(data)):
      If data[indx][‘dt_txt’] == date_time:
         Print(“Wind Speed =”,data[indx][‘wind’][‘speed’])
         Break
   Else:
      Print(“Enter proper Date & Time format as specified or Date and Time NOT FOUND”)


Def getPressure(data,date_time):
   Data = data[‘list’]
   For indx in range(len(data)):
      If data[indx][‘dt_txt’] == date_time:
         Print(“Pressure =”,data[indx][‘main’][‘pressure’])
         Break
   Else:
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        Print("Enter proper Date & Time format as specified or Date and Time NOT FOUND")



If __name__ == "__main__":
    # upadting the URL
    URL = https://samples.openweathermap.org/data/2.5/forecast/hourly?q=London,us&appid=b6907d289e10d714a6e88b30761fae22
    # HTTP request
    Response = requests.get(URL)
    # checking the status code of the request
    If response.status_code == 200:
    # getting data in the json format
        Data = response.json()
        Print("Enter a number")
        While True:
            Print("1. Get weather\n2. Get Wind Speed\n3. Get Pressure\n0. Exit")
            Try:
                Num = int(input())
                If num == 1:
                    Date_time = str(input("Enter Date & Time (YYYY-MM-DD HH:00:00)\nEnter the Date and time between \"2019-03-27 18:00:00\" and \"2019-03-31 17:00:00\" \n(Example: 2019-03-27 18:00:00): "))
                    getWeather(data,date_time)
                elif num == 2:
                    date_time = str(input("Enter Date & Time (YYYY-MM-DD HH:00:00)\nEnter the Date and time between \"2019-03-27 18:00:00\" and \"2019-03-31 17:00:00\" \n(Example: 2019-03-27 18:00:00): "))
                    getWindSpeed(data,date_time)
                elif num == 3:
                    date_time = str(input("Enter Date & Time (YYYY-MM-DD HH:00:00)\nEnter the Date and time between \"2019-03-27 18:00:00\" and \"2019-03-31 17:00:00\" \n(Example: 2019-03-27 18:00:00): "))
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            getPressure(data,date_time)
        elif num == 0:
            print("_____EXITING_____")
            print("_____THANK YOU_____")
            break
        else:
            print("Enter a proper number")
            continue
    except:
        print("Enter a integer type")
        continue
else:
  # showing the error message
  Print("Error in the HTTP request")
```