View Go Run Terminal Help 03_plotly.py - streamlit_dashboards - Visual Studio Code

test.py app.py 03_plotly.py

03_plotly.py > ...

```
32
33
34  st.markdown('**Assignment**: Implement plotly for other parameters and draw interactive graphs')
35
36  df = px.data.gapminder()
37  st.write(df.head())
38  #st.write(df['gdpPercap'].max())
39
40  # Data Management
41
42  year_option = df['year'].unique().tolist()
43  year = st.selectbox("Which year should we plot? ", year_option, 0)
44  df = df[df['year']==year]
45
46  # Plotting
47  fig = px.scatter(df, x = 'year', y = 'gdpPercap', size='year', color='country', hover_name='country
48                   log_x = True, size_max= 55,range_x= [1950,2008], range_y = [10,10000])
49  fig.update_layout(width=800, height = 700)
50  st.write(fig)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
    axis["range"] = [math.log(r, 10) for r in args[range_key]]
  File "C:\Users\ic\anaconda3\envs\streamlit\lib\site-packages\plotly\express\_core.py", line 550, in <
    axis["range"] = [math.log(r, 10) for r in args[range_key]]
ValueError: math domain error
```

Streamlit documentation | Google | Codanics - YouTube | 03_plotly · Streamlit

localhost:8501

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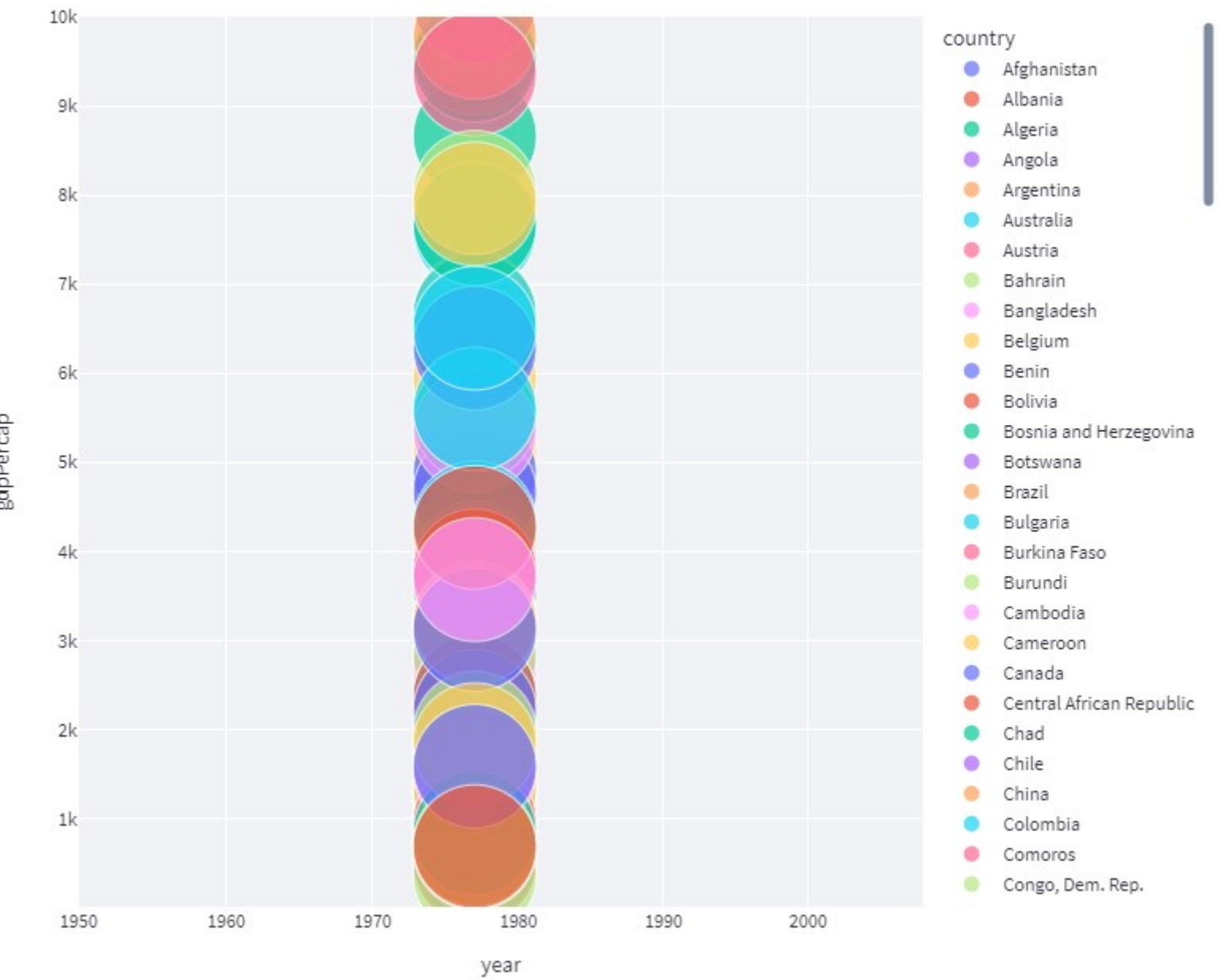
Assignment: Implement plotly for other parameters and draw interactive graphs

	ntry	continent	year	lifeExp	pop	gdpPercap	iso_alpha	iso_num
0	anistan	Asia	1952	28.8010	8425333	779.4453	AFG	4
1	anistan	Asia	1957	30.3320	9240934	820.8530	AFG	4
2	anistan	Asia	1962	31.9970	10267083	853.1007	AFG	4
3	anistan	Asia	1967	34.0200	11537966	836.1971	AFG	4
4	anistan	Asia	1972	36.0880	13079460	739.9811	AFG	4

Which year should we plot?

1977


10k
9k
8k
7k
6k
5k
4k
3k
2k
1k
gdpPercap
1950
1960
1970
1980
1990
2000
year
country
Afghanistan
Albania
Algeria
Angola
Argentina
Australia
Austria
Bahrain
Bangladesh
Belgium
Benin
Bolivia
Bosnia and Herzegovina
Botswana
Brazil
Bulgaria
Burkina Faso
Burundi
Cambodia
Cameroon
Canada
Central African Republic
Chad
Chile
China
Colombia
Comoros
Congo, Dem. Rep.