# In[15]:

import numpy as np

countries = np.array(['Algeria','Angola','Argentina','Australia','Austria','Bahamas','Bangladesh','Belarus','Belgium','Bhutan','Brazil','Bulgaria','Cambodia','Cameroon','Chile','China','Colombia','Cyprus','Denmark','El Salvador','Estonia','Ethiopia','Fiji','Finland','France','Georgia','Ghana','Grenada','Guinea','Haiti','Honduras','Hungary','India','Indonesia','Ireland','Italy','Japan','Kenya', 'South Korea','Liberia','Malaysia','Mexico', 'Morocco','Nepal','New Zealand','Norway','Pakistan', 'Peru','Qatar','Russia','Singapore','South Africa','Spain','Sweden','Switzerland','Thailand', 'United Arab Emirates','United Kingdom','United States','Uruguay','Venezuela','Vietnam','Zimbabwe'

])

gdp\_per\_capita = np.array([2255.225482,629.9553062,11601.63022,25306.82494,27266.40335,19466.99052,588.3691778,2890.345675,24733.62696,1445.760002,4803.398244,2618.876037,590.4521124,665.7982328,7122.938458,2639.54156,3362.4656,15378.16704,30860.12808,2579.115607,6525.541272,229.6769525,2242.689259,27570.4852,23016.84778,1334.646773,402.6953275,6047.200797,394.1156638,385.5793827,1414.072488,5745.981529,837.7464011,1206.991065,27715.52837,18937.24998,39578.07441,478.2194906,16684.21278,279.2204061,5345.213415,6288.25324,1908.304416,274.8728621,14646.42094,40034.85063,672.1547506,3359.517402,36152.66676,3054.727742,33529.83052,3825.093781,15428.32098,33630.24604,39170.41371,2699.123242,21058.43643,28272.40661,37691.02733,9581.05659,5671.912202,757.4009286,347.7456605])

# In[16]:

max\_gdp\_per\_capita = gdp\_per\_capita.argmax()

# In[17]:

country\_with\_max\_gdp\_per\_capita = countries [max\_gdp\_per\_capita]

# In[18]:

country\_with\_max\_gdp\_per\_capita

# In[19]:

min\_gdp\_per\_capita = gdp\_per\_capita.argmin()

# In[20]:

country\_with\_min\_gdp\_per\_capita = countries[min\_gdp\_per\_capita]

# In[21]:

country\_with\_min\_gdp\_per\_capita

# In[23]:

for country in countries:

print('ecaluating country {}'.format(country))

# In[24]:

for i in range(len(countries)):

country = countries[i]

country\_gdp\_per\_capita = gdp\_per\_capita[i]

print('country {} per capita gdp is {}'.format(country,country\_gdp\_per\_capita))

# In[25]:

print(gdp\_per\_capita.max())

print(gdp\_per\_capita.min())

print(gdp\_per\_capita.sum())

print(gdp\_per\_capita.mean())

print(gdp\_per\_capita.std())

# In[ ]:

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