# heights and positions are available as lists

# Import numpy

import numpy as np

# Convert positions and heights to numpy arrays: np\_positions, np\_heights

np\_heights=np.array(heights)

np\_positions=np.array(positions)

# Heights of the goalkeepers: gk\_heights

gk\_heights=np\_heights[np\_positions=='GK']

# Heights of the other players: other\_heights

other\_heights=np\_heights[np\_position!='GK']

# Print out the median height of goalkeepers. Replace 'None'

np\_gk\_median=np.median(gk\_heights)

print("Median height of goalkeepers: " + str(np\_gk\_median))

# Print out the median height of other players. Replace 'None'

np\_other\_median=np.median(other\_heights)

print("Median height of other players: " + str(np\_other\_median))

# Scatter plot

plt.scatter(x = gdp\_cap, y = life\_exp, s = np.array(pop) \* 2, c = col, alpha = 0.8)

# Previous customizations

plt.xscale('log')

plt.xlabel('GDP per Capita [in USD]')

plt.ylabel('Life Expectancy [in years]')

plt.title('World Development in 2007')

plt.xticks([1000,10000,100000], ['1k','10k','100k'])

# Additional customizations

plt.text(1550, 71, 'India')

plt.text(5700, 80, 'China')

# Add grid() call

plt.grid(True)

# Show the plot

plt.show()