



WHAT YOUR PROGRAM SHALL DO

We consider the population of 5 countries in the world:

- China: 1,439,323,776
- India: 1,380,004,385
- USA: 331,002,651
- Indonesia: 273,523,615
- Pakistan: 220,892,340

What your program shall do :

- Enter **3 country names** in the console
CONSOLE : console shall display:
 Country 1 : USA
 Country 2 : India
 Country 3 : China
- Display the country with the largest population
CONSOLE : console shall display **Largest population country is: China**
- If one of the country is not China, India, USA, Indonesia, Pakistan, the console shall display:
Error, bad country name entered

EXAMPLES

INPUT	EXPLANATION
> Country 1 : India > Country 2 : USA > Country 2 : Pakistan > Largest population country is: India	India has the largest population compared to USA and Pakistan

HOW TO DO IT?

- 1- Write a function to return the population for a given country name

```

countries = ['China', 'India', 'USA', 'Indonesia',
'Pakistan']

population = [1439323776, 1380004385, 331002651,
273523615, 220892340]

threecountries = []

name = ''

highest = 0

for i in range(3):

    threecountries += [input("Nhap dat nuoc thu " + str(i)
+ ": ")]

for i in threecountries:

    if i not in countries:

        print("Error, bab country name entered")

        break

    else:

        for i in range(len(population)):

            if (countries[i] in threecountries) and
(population[i] > highest):

                highest = population[i]

                name = countries[i]

print(name)

```

Function name	getPopulation
Parameters	country (string)

Return value	The population of given country name If -1 is this country is not China, India, USA, Indonesia or pakistan
Example	<pre>getPopulation("USA") 331,002,651 getPopulation("VietNam") -1</pre>

2- Write the main code – **You MUST call the function defined above**

```
countries = ['China', 'India', 'USA', 'Indonesia',
            'Pakistan']

population = [1439323776, 1380004385, 331002651,
            273523615, 220892340]

def getPopulation(name):

    if name not in countries:

        return -1

    for i in range(len(countries)):

        if countries[i] == name:

            return population[i]

country = input("Nhap nuoc: ")

print(getPopulation(country))
```