Analyse London Olympics Dataset

Import numpy library

In [111…
```
import numpy as np
```

Import olympic dataset

In [113…
```
country= np.array(['Great Britain','China','Russia','United States','Korea','Japan','Germany'])
```

In [114…
```
Gold= np.array([29,38,24,46,13,7,11])
```

In [115…
```
Silver=np.array([17,28,25,28,8,14,11])
```

In [116…
```
Bronze=np.array([19,22,32,29,7,17,14])
```

Find and print the name of the country that won maximum gold medals

In [117…
```
max_gold_medals=Gold.argmax()
```

In [118…
```
country_with_max_gold_medals=country[max_gold_medals]
```

In [119…
```
country_with_max_gold_medals
```

Out[119… 'United States'

Find and print the countries who won more than 20 gold medals

In [120…
```
print(country[Gold>20])
```

```
['Great Britain' 'China' 'Russia' 'United States']
```

Print the medal tally

In [121…
```
for i in range(len(country)):
    gold_medal = Gold[i]
    Country = country[i]
    Total_medal = Bronze[i]+Gold[i]+Silver[i]
    print('{},gold medal{},Total medals{}'.format(Country,gold_medal,Total_medal))
```

```
Great Britain,gold medal29,Total medals65
China,gold medal38,Total medals88
Russia,gold medal24,Total medals81
United States,gold medal46,Total medals103
Korea,gold medal13,Total medals28
Japan,gold medal7,Total medals38
Germany,gold medal11,Total medals36
```

In [ ]:
```
```

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