

In [23]:

```
import requests
import json
```

In [25]:

```
response=requests.get('https://api.frankfurter.app/latest?amount=1&from=USD&to=EUR')
dic=json.loads(response.text)
dic
```

Out[25]:

```
{'amount': 1.0, 'base': 'USD', 'date': '2021-11-08', 'rates': {'EUR': 0.86363}}
```

In [26]:

```
type(data)
```

Out[26]:

```
dict
```

In [27]:

```
data['amount']
```

Out[27]:

```
1.0
```

In [39]:

```
data['base']
```

Out[39]:

```
'USD'
```

In [40]:

```
data['rates']
```

Out[40]:

```
{'EUR': 0.86363}
```

In [43]:

```
data['rates']['EUR']
```

Out[43]:

```
0.86363
```

In [28]:

```
import csv
```

In [48]:

```
with open('currencyconverter.csv','w',newline='') as f:  
    writer=csv.DictWriter(f,fieldnames=['usd','eur'])  
    writer.writeheader()
```

In [49]:

```
import pandas as pd
```

In [50]:

```
dataframe=pd.read_csv('currencyconverter.csv')  
dataframe
```

Out[50]:

<u>usd</u>	eur
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In []: