In [1]:

```python
import requests
import pandas as pd
import json
```

In [2]:

```python
userjs = requests.get('http://jsonplaceholder.typicode.com/users')
user = userjs.json()
```

In [3]:

```python
salarydata=[]
salary = pd.read_json('D:\Vito\Work Prep\CADIT\salary_data.json')
for i in range(10):
    userid = salary['array'][i]['id']
    usersalary = salary['array'][i]['salaryInIDR']
    salarydata.append([userid, usersalary])
salarytable = pd.DataFrame(salarydata)
salarytable.columns = ['id','salaryIDR']
```

In [4]:

```python
userdata = []
for i in range(10):
    id = user[i]['id']
    name = user[i]['name']
    uname = user[i]['username']
    email = user[i]['email']
    address = str(user[i]['address']['street'])+", "+str(user[i]['address']['suite'])+
", "+str(user[i]['address']['city'])+", "+str(user[i]['address']['zipcode'])+", "+str(u
ser[i]['address']['geo'])
    phone =  user[i]['phone']
    userdata.append([id, name, uname, email, address, phone])
usertable = pd.DataFrame(userdata)
usertable.columns = ['id','name', 'username', 'email', 'address', 'phone']
```

In [5]:

```python
userslry = pd.merge(usertable, salarytable, on='id')
userslry
```

Out[5]:

	id	name	username	email	address	phone
0	1	Leanne Graham	Bret	Sincere@april.biz	Kulas Light, Apt. 556, Gwenborough, 92998-3874...	1-770-736-8031 x56442
1	2	Ervin Howell	Antonette	Shanna@melissa.tv	Victor Plains, Suite 879, Wisokyburgh, 90566-7...	010-692-6593 x09125
2	3	Clementine Bauch	Samantha	Nathan@yesenia.net	Douglas Extension, Suite 847, McKenziehaven, 5...	1-463-123-4447
3	4	Patricia Lebsack	Karianne	Julianne.OConner@kory.org	Hoeger Mall, Apt. 692, South Elvis, 53919-4257...	493-170-9623 x156
4	5	Chelsey Dietrich	Kamren	Lucio_Hettinger@annie.ca	Skiles Walks, Suite 351, Roscoeview, 33263, {'...	(254)954-1289
5	6	Mrs. Dennis Schulist	Leopoldo_Corkery	Karley_Dach@jasper.info	Norberto Crossing, Apt. 950, South Christy, 23...	1-477-935-8478 x6430
6	7	Kurtis Weissnat	Elwyn.Skiles	Telly.Hoeger@billy.biz	Rex Trail, Suite 280, Howemouth, 58804-1099, {...	210.067.6132
7	8	Nicholas Runolfsdottir V	Maxime_Nienow	Sherwood@rosamond.me	Ellsworth Summit, Suite 729, Aliyaview, 45169,...	586.493.6943 x140
8	9	Glenna Reichert	Delphine	Chaim_McDermott@dana.io	Dayna Park, Suite 449, Bartholomebury, 76495-3...	(775)976-6794 x41206
9	10	Clementina DuBuque	Moriah.Stanton	Rey.Padberg@karina.biz	Kattie Turnpike, Suite 198, Lebsackbury, 31428...	024-648-3804

In [6]:

```python
convert = requests.get('https://free.currconv.com/api/v7/convert?apiKey=f3b2235e37e079d
d4905&q=IDR_USD&compact=y').json()
convIDR = convert['IDR_USD']['val']
```

In [8]:

```python
usd = pd.DataFrame(userslry['salaryIDR']*convIDR)
usd.columns = ['salaryUSD']
output = pd.concat([userslry,usd], axis = 1)
#usertable.columns = ['id','USD']
#userslry = pd.merge(userslry, usd, on='id')
```

In [9]:

```
output
```

Out[9]:

	id	name	username	email	address	phone
0	1	Leanne Graham	Bret	Sincere@april.biz	Kulas Light, Apt. 556, Gwenborough, 92998-3874...	1-770-736-8031 x56442
1	2	Ervin Howell	Antonette	Shanna@melissa.tv	Victor Plains, Suite 879, Wisokyburgh, 90566-7...	010-692-6593 x09125
2	3	Clementine Bauch	Samantha	Nathan@yesenia.net	Douglas Extension, Suite 847, McKenziehaven, 5...	1-463-123-4447
3	4	Patricia Lebsack	Karianne	Julianne.OConner@kory.org	Hoeger Mall, Apt. 692, South Elvis, 53919-4257...	493-170-9623 x156
4	5	Chelsey Dietrich	Kamren	Lucio_Hettinger@annie.ca	Skiles Walks, Suite 351, Roscoeview, 33263, {'...	(254)954-1289
5	6	Mrs. Dennis Schulist	Leopoldo_Corkery	Karley_Dach@jasper.info	Norberto Crossing, Apt. 950, South Christy, 23...	1-477-935-8478 x6430
6	7	Kurtis Weissnat	Elwyn.Skiles	Telly.Hoeger@billy.biz	Rex Trail, Suite 280, Howemouth, 58804-1099, {...	210.067.6132
7	8	Nicholas Runolfsdottir V	Maxime_Nienow	Sherwood@rosamond.me	Ellsworth Summit, Suite 729, Aliyaview, 45169,...	586.493.6943 x140
8	9	Glenna Reichert	Delphine	Chaim_McDermott@dana.io	Dayna Park, Suite 449, Bartholomebury, 76495-3...	(775)976-6794 x41206
9	10	Clementina DuBuque	Moriah.Stanton	Rey.Padberg@karina.biz	Kattie Turnpike, Suite 198, Lebsackbury, 31428...	024-648-3804

In [ ]: