Create Harry Potter Characters Database by Using API

```
import requests
import time
import pandas as pd
```

To create blank list for data containing, create loop to bring profile data, and convert them into the dataframe.

```python
names = []
genders = []
bloods = []
nationalities = []
families = []

for i in range(1,17):
    url = f"https://legacy--api.herokuapp.com/api/v1/characters/{i}"
    resp = requests.get(url)
    result = resp.json()
    names.append(result['name'])
    genders.append(result['gender'])
    bloods.append(result['blood'])
    nationalities.append(result['nationality'])
    families.append(result['family'])
    time.sleep(1)

df = pd.DataFrame({
    "name": names, "gender": genders, "blood": bloods, "nationality": nationalities, "family": families
})

df
```

	name	gender	blood	nationality	family
0	Dudley Dursley	Male	Muggle	English	Vernon Dursley
1	Lily J. Potter	Female	Muggle-born	English	Mr Evans
2	Harry Potter	Male	Half-blood	English	James Potter I
3	Tom Riddle	Male	Half-blood	English	Tom Riddle Senior
4	Ted	Male	Muggle	British	None
5	Albus Dumbledore	Male	Half-blood	English	Percival Dumbledore
6	Minerva McGonagall	Female	Half-blood	Scottish	Robert McGonagall Snr
7	Dedalus Diggle	Male	Pure-blood or half-blood	None	None
8	Poppy Pomfrey	Female	Pure-blood or half-blood	British or Irish	None
9	Sirius Black	Male	Pure-blood	English	Orion Black
10	Marjorie Dursley	Female	Muggle	English	Mr Dursley
11	Mr Tibbles	Male	None	None	None
12	Snowy	None	None	None	None
13	Mr Paws	Male	None	None	None
14	Yvonne	Female	Muggle	British	None
15	Piers Polkiss	Male	Muggle	British	Mrs Polkiss