

QSN:

Create a country table with id, name and rank

Write a program to search the country from its name.

In [1]:

```
import pymysql as sql
```

In [2]:

```
def get_conn():  
    conn=sql.connect(host='localhost', port=8111, user='root', database='jupyter')  
    return conn
```

In [4]:

```
con=get_conn()  
cur=con.cursor()  
query='create table country(id int, name varchar(20), rank int)'  
cur.execute(query)  
con.commit()  
con.close()
```

In [5]:

```
def add_count():  
    con=get_conn()  
    cur=con.cursor()  
    a=input('Enter the ID of the COUNTRY : ')  
    b=input('Enter the NAME of the COUNTRY: ')  
    c=input('Enter the RANK of the COUNTRY: ')  
    query='insert into country values(%s, %s, %s)'  
    cur.execute(query,(a,b,c))  
    print('-----')  
    print('COUNTRY ADDED SUCCESSFULLY')  
    print('-----')  
    con.commit()  
    con.close()
```

In [10]:

```
def name_count():  
    con=get_conn()  
    cur=con.cursor()  
    d=input('Enter the NAME of the COUNTRY that you want to get the details of: ')  
    query='select*from country where name= %s'  
    cur.execute(query,d)  
    e=cur.fetchall()  
    con.commit()  
    con.close()  
    return e
```

In [6]:

```
add_count()
```

```
Enter the ID of the COUNTRY : 1
Enter the NAME of the COUNTRY: INDIA
Enter the RANK of the COUNTRY: 5
-----
COUNTRY ADDED SUCCESSFULLY
-----
```

In [8]:

```
add_count()
```

```
Enter the ID of the COUNTRY : 2
Enter the NAME of the COUNTRY: USA
Enter the RANK of the COUNTRY: 1
-----
COUNTRY ADDED SUCCESSFULLY
-----
```

In [11]:

```
name_count()
```

Enter the NAME of the COUNTRY that you want to get the details of: india

Out[11]:

```
((1, 'INDIA', 5),)
```

In [12]:

```
name_count()
```

Enter the NAME of the COUNTRY that you want to get the details of: usa

Out[12]:

```
((2, 'USA', 1),)
```