

Problem statment :

Read and append content on files in Python Take one file and read the contents on that file. Read file

In [2]:

```
# entering the file names
file1 = input("Enter the name of first file ")
file2 = input("Enter the name of second file ")

# opening both files in read only mode to read initial contents
f1 = open(file1, 'r')
f2 = open(file2, 'r')

# printing the contents of the file before appending
print('content of file1 before appending -', f1.read())
print('content of file2 before appending -', f2.read())

# closing the files
f1.close()
f2.close()

# opening first file in append mode and second file in read mode
f1 = open(file1, 'a+')
f2 = open(file2, 'r')

# appending the contents of the second file to the first file
f1.write(f2.read())

# relocating the cursor of the files at the beginning
f1.seek(0)
f2.seek(0)

# printing the contents of the files after appending
print('content of first file after appending -', f1.read())
print('content of second file after appending -', f2.read())

# closing the files
f1.close()
f2.close()
```

Enter the name of first file countries.csv
Enter the name of second file departments.csv
content of file1 before appending - country_id country_name region_id
AR Argentina 2
AU Australia 3
BE Belgium 1
BR Brazil 2
CA Canada 2
CH Switzerland 1
CN China 3
DE Germany 1
DK Denmark 1
EG Egypt 4
FR France 1
HK HongKong 3
IL Israel 4
IN India 3
IT Italy 1
JP Japan 3
KW Kuwait 4
MX Mexico 2
NG Nigeria 4
N Netherlands 1
SG Singapore 3
UK United Kingdom 1

US United States of America 2
ZM Zambia 4
ZW Zimbabwe 4
content of file2 before appending - department_id, department_name, manager_id, location_id
10, Administration, 200, 1700
20, Marketing, 201, 1800
30, Purchasing, 114, 1700
40, Human Resources, 203, 2400
50, Shipping, 121, 1500
60, IT, 103, 1400
70, Public Relations, 204, 2700
80, Sales, 145, 2500
content of first file after appending - country_id country_name region_id
AR Argentina 2
AU Australia 3
BE Belgium 1
BR Brazil 2
CA Canada 2
CH Switzerland 1
CN China 3
DE Germany 1
DK Denmark 1
EG Egypt 4
FR France 1
HK HongKong 3
IL Israel 4
IN India 3
IT Italy 1
JP Japan 3
KW Kuwait 4
MX Mexico 2
NG Nigeria 4
N Netherlands 1
SG Singapore 3
UK United Kingdom 1
US United States of America 2
ZM Zambia 4
ZW Zimbabwe 4
department_id, department_name, manager_id, location_id
10, Administration, 200, 1700
20, Marketing, 201, 1800
30, Purchasing, 114, 1700
40, Human Resources, 203, 2400
50, Shipping, 121, 1500
60, IT, 103, 1400
70, Public Relations, 204, 2700
80, Sales, 145, 2500
content of second file after appending - department_id, department_name, manager_id, location_id
10, Administration, 200, 1700
20, Marketing, 201, 1800
30, Purchasing, 114, 1700
40, Human Resources, 203, 2400
50, Shipping, 121, 1500
60, IT, 103, 1400
70, Public Relations, 204, 2700
80, Sales, 145, 2500

