

21/2/2021

1)Write a python program to read a file line by line and store it into a list?

Ans:

```
def file_read(fname):
```

```
    with open(fname) as f:
```

```
        # x Content_List is the list that contain the read lines.
```

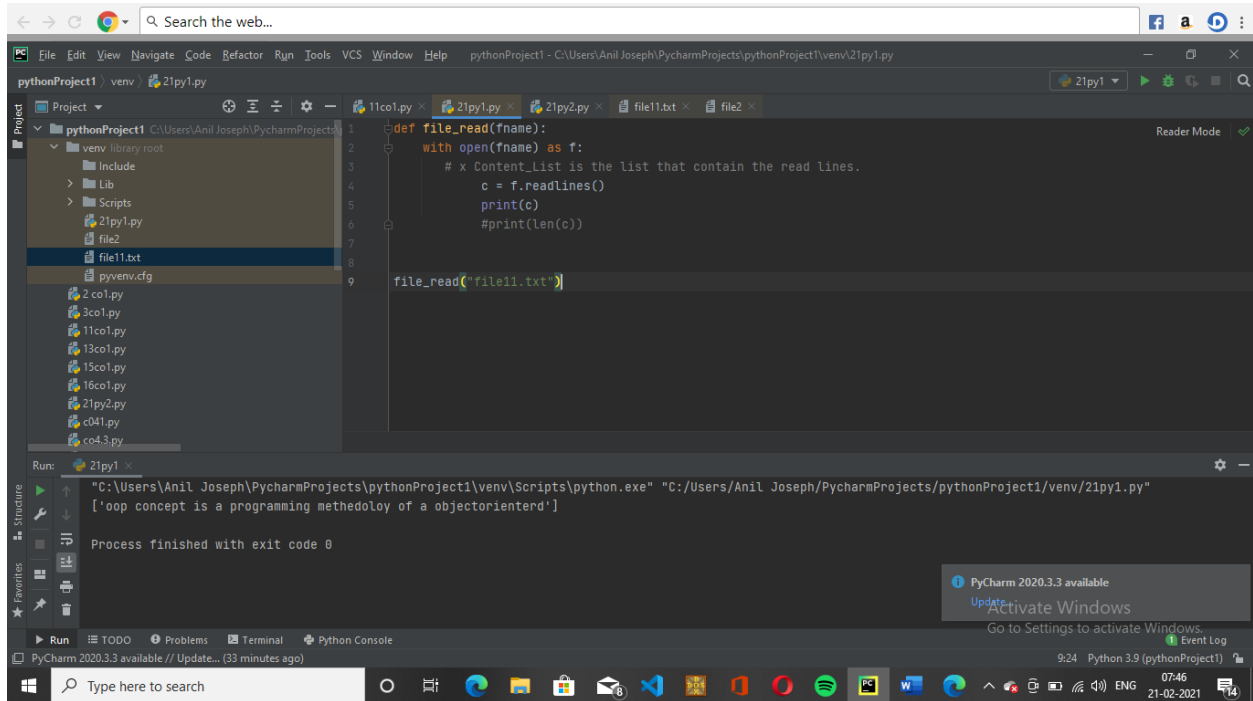
```
        c = f.readlines()
```

```
        print(c)
```

```
        #print(len(c))
```

```
file_read("file11.txt")
```

Out put



2)Python program to copy odd lines of one file to other?

Ans:

```
a=open('file12.txt','r')
b=open('hello2.txt','w')
c=a.readlines()
```

```

for i in range(0,len(c)):
    if(i%2 != 0):
        b.write(c[i])

    else:
        pass

b.close()

b=open('file12.txt','r')
d=b.read()
print(d)
a.close()
b.close()

```

OUTPUT

1.I'm not going to go deep into history matters. This introduction was just to make it a bit fun, and show how the phrases give us an indication of the importance of pictures and how they really can embed a lot of information within them. I'm sure most of us realize that, especially when we notice how a picture can stick in our minds more than just pure text.

2.It is thus no doubt that pictures play an important part in our communicationsâ€”not just general pictures, but also specialized photos like medical images (e.g. MRI, Ultrasound, etc.).

3.We can obtain photos through different acquisition devices. For instance, melanoma (skin cancer) images are retrieved using a dermatoscope. We take photos of ourselves or friends using a digital camera or a smartphone. Sometimes, however, we notice some issues in our pictures, like blurring for instance, which may be due to the acquisition device used.

4.But, what to do in this case? You were sent some medical images to analyze, and you don't have the choice of retaking such images. Even if you retook an image, the resolution you see will not change, nor any other issues you face. Image processing comes into play in such situations.

Process finished with exit code 0

3) Write a python program to read each row from a given csv files and print a list of strings?

Ans:

```
import csv

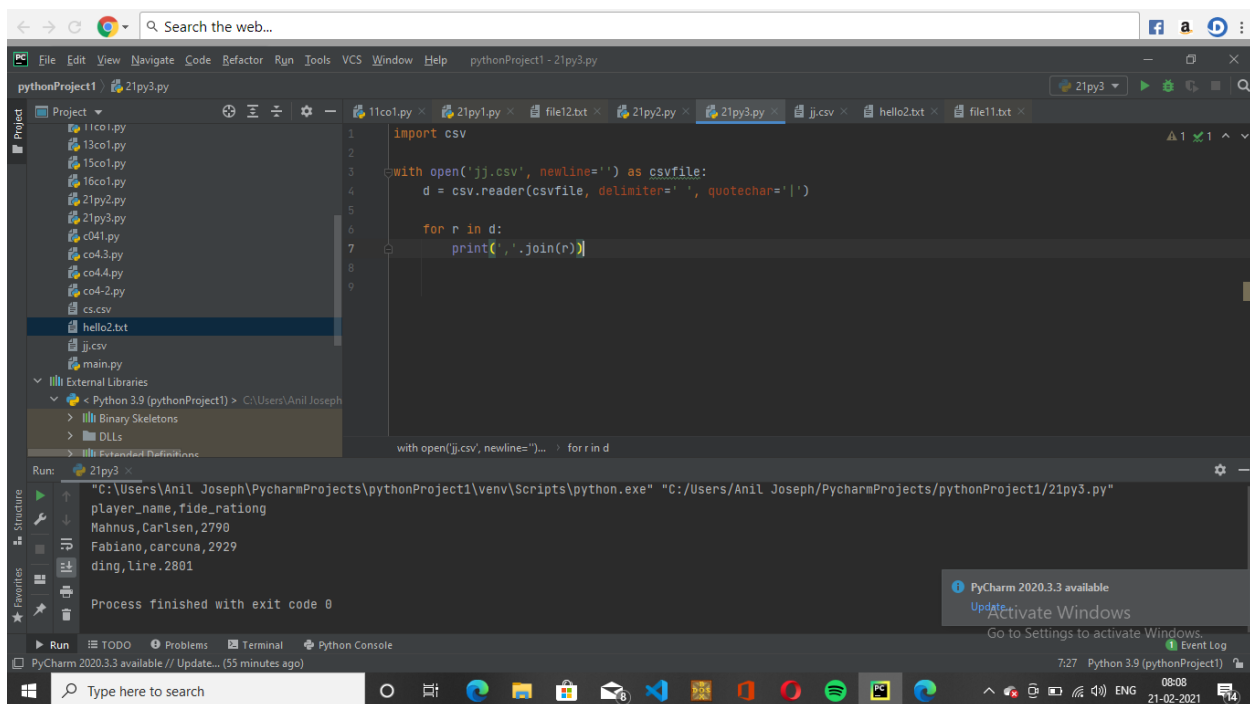
with open('jj.csv',newline='') as csvfile:

    d=csv.reader(csvfile,delimiter=',',quotechar='|')

    for r in d:

        print(','.join(r))
```

Output

The screenshot shows the PyCharm IDE interface. The main editor window displays a Python script named '21py3.py' with the following code:

```
1 import csv
2
3 with open('jj.csv', newline='') as csvfile:
4     d = csv.reader(csvfile, delimiter=',', quotechar='|')
5
6     for r in d:
7         print(','.join(r))
8
9
```

The left sidebar shows the project structure with files like '11co1.py', '13co1.py', '15co1.py', '16co1.py', '21py2.py', '21py3.py', 'c041.py', 'c043.py', 'c044.py', 'c04-2.py', 'cs.csv', 'hello2.txt', 'jj.csv', and 'main.py'. The bottom panel shows the 'Run' output, which displays the following data from the CSV file:

```
"C:\Users\Anil Joseph\PycharmProjects\pythonProject1\venv\Scripts\python.exe" "C:/Users/Anil Joseph/PycharmProjects/pythonProject1/21py3.py"
player_name,fide_rationg
Mahnus,Carlsen,2790
Fabiano,carcuna,2929
ding,lire.2881
Process finished with exit code 0
```

4) Write a python program to read specific coloums of a given csv files and print the content of the columns

ANS:

```
import csv

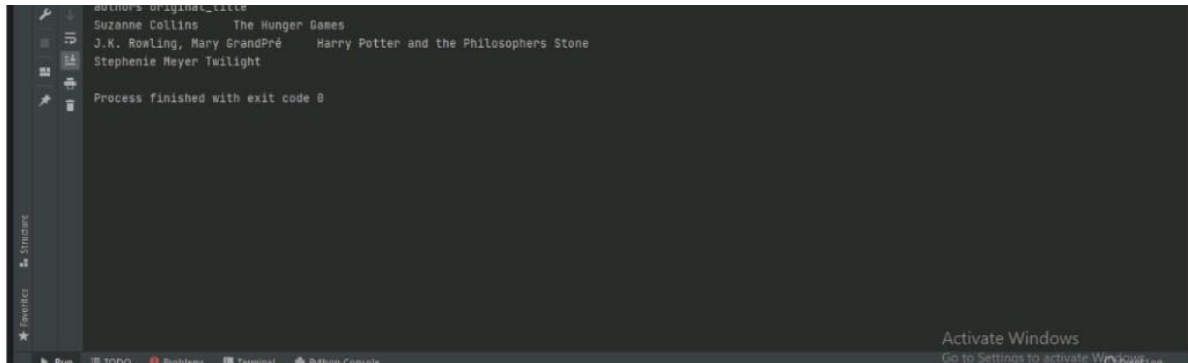
with open('col.csv',newline='') as csvfile:

    d=csv.DictReader(csvfile)

    print("authors original_title")
```

```
for r in d:
    print(r['authors'],r['original_title'])
```

Output



```
authors original_title
Suzanne Collins      The Hunger Games
J.K. Rowling, Mary GrandPré Harry Potter and the Philosophers Stone
Stephenie Meyer Twilight
Process finished with exit code 0
```

5)Write a python program to write a python directory to a csv file.After writing the csv file read the csv file and display the content?

Ans:

```
import csv
```

```
field_names = ['best_book_id', 'authors', 'original_title']
```

```
book = [
    {
        'best_book_id':1, 'authors':'Suzanne Collins', 'original_title':'    The Hunger Games'
    },
    {
        'best_book_id':2, 'authors':'J.K. Rowling, Mary GrandPré', 'original_title':'    Harry
        Potter and the Philosophers Stone'
    },
    {
        'best_book_id':3, 'authors':'Stephenie Meyer', 'original_title':'Twilight'
    },
]
```

```
with open('c1.csv', 'w') as csvfile:
    writer = csv.DictWriter(csvfile, fieldnames=field_names)
    writer.writeheader()
    writer.writerows(book)
```

```
with open('c1.csv',newline='') as csvfile:
    d = csv.reader(csvfile,delimiter='|')
    for r in d:
        print(','.join(r))
```

OUTPUT

best_book_id,authors,original_title

1,Suzanne Collins, The Hunger Games

2,"J.K. Rowling, Mary GrandPré", Harry Potter and the Philosophers
Stone

3,Stephenie Meyer,Twilight