

ASSIGNMENT

ON

Python programs

Submitted to

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Submitted by

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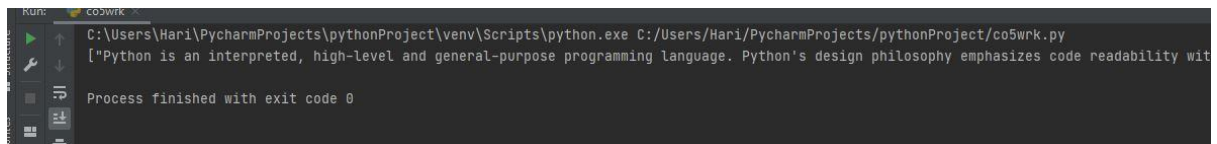
Amal Jyothi college of Engineering

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

```
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("demo.txt")
```

OUTPUT



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

```
a=open('dem.txt','r')  
  
b=open('t.txt','w')  
c=a.readlines()  
  
for i in range(0,len(c)):  
    if(i%2 !=0):  
        b.write(c[i])  
  
    else:  
        pass  
b.close()
```

```
d=open('t.txt', 'r')
d=b.read()
print(d)
a.close()
b.close()
```

OUTPUT

author. Derive class Python from Book with attributes price and no_of_pages. Write a method overriding.

1. Write a Python program to read a file line by line and store it into a list.

3. Write a Python program to read each row from a given csv file and print a list of strings of the columns.

read the CSV file and display the content.

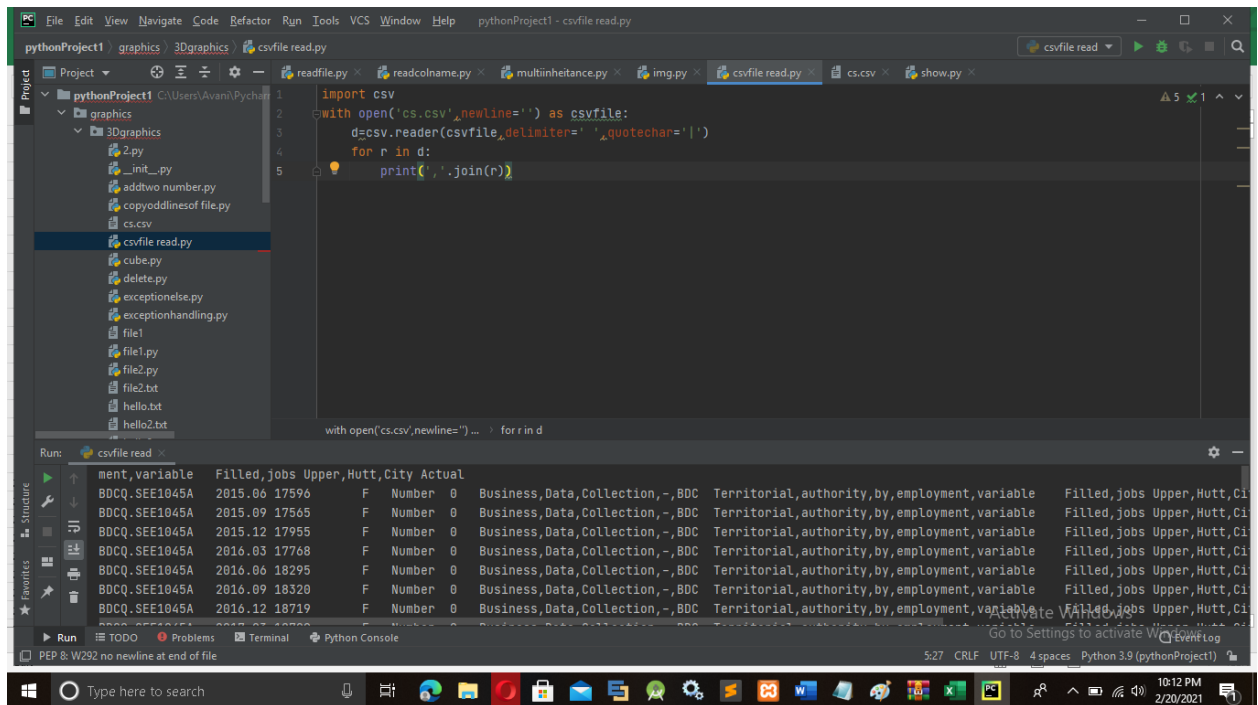
Input, Output and Import Functions, Operators, Data Types, Decision Making & Loops, Functions,

Process finished with exit code 0

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

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

OUTPUT



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

```
import csv
```

```
with open('c1.csv',newline='') as csvfile:
```

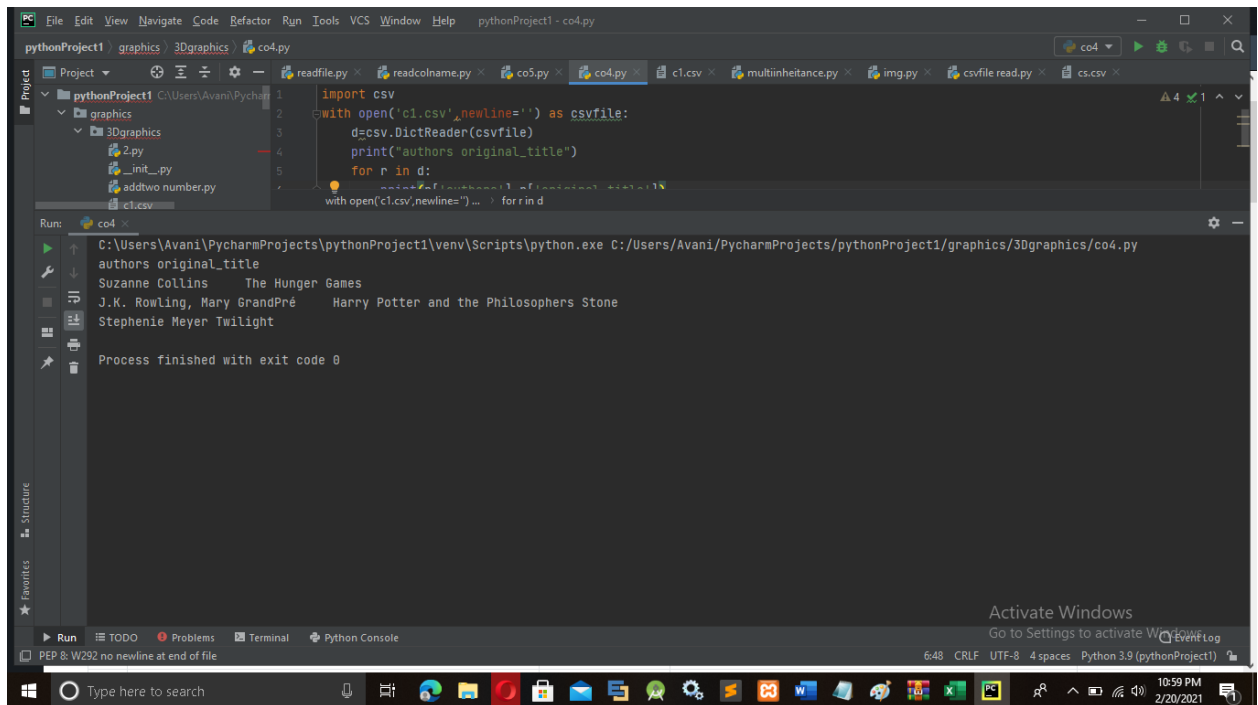
```
    d=csv.DictReader(csvfile)
```

```
    print("authors original_title")
```

```
    for r in d:
```

```
        print(r['authors'],r['original_title'])
```

OUTPUT



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?

```
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

Process finished with exit code 0

