Co5

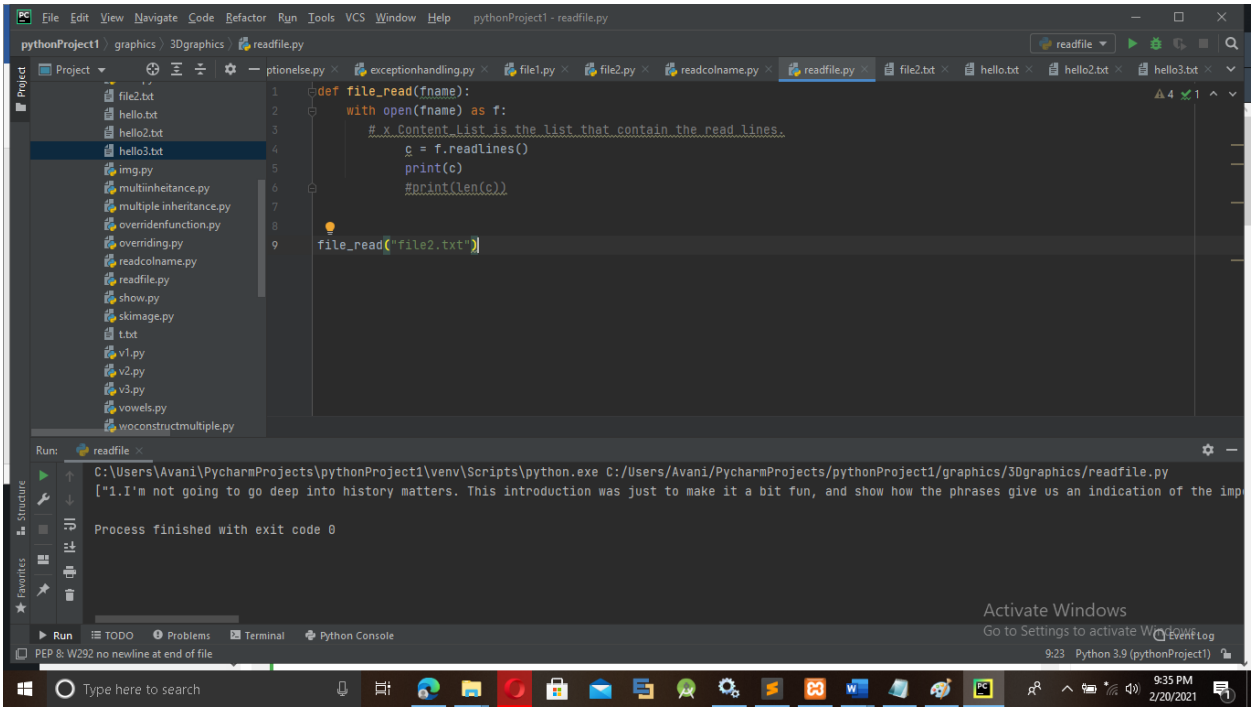
1)Write a python program to read a file line by line and store it into a list?

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("file2.txt")
```

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.\n", '\n', '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.).\n', '\n', '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.\n', '\n', "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."]



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

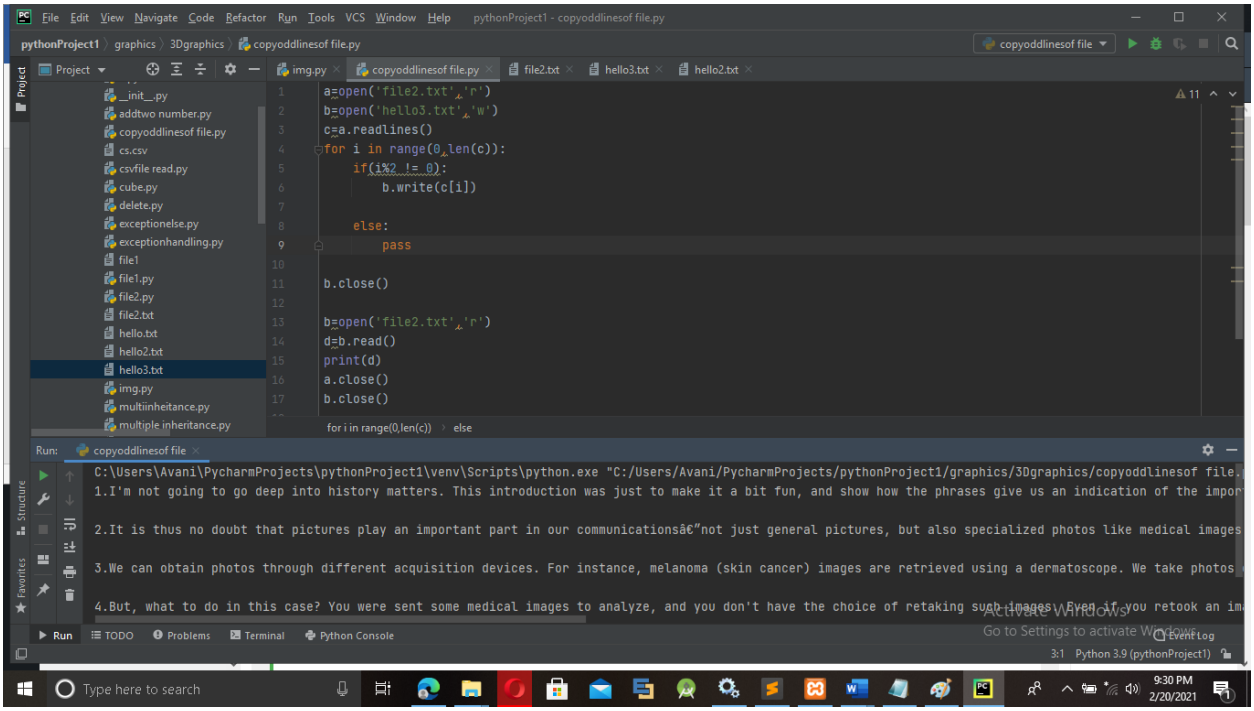
Ans:

```
a=open('file2.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('file2.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
```

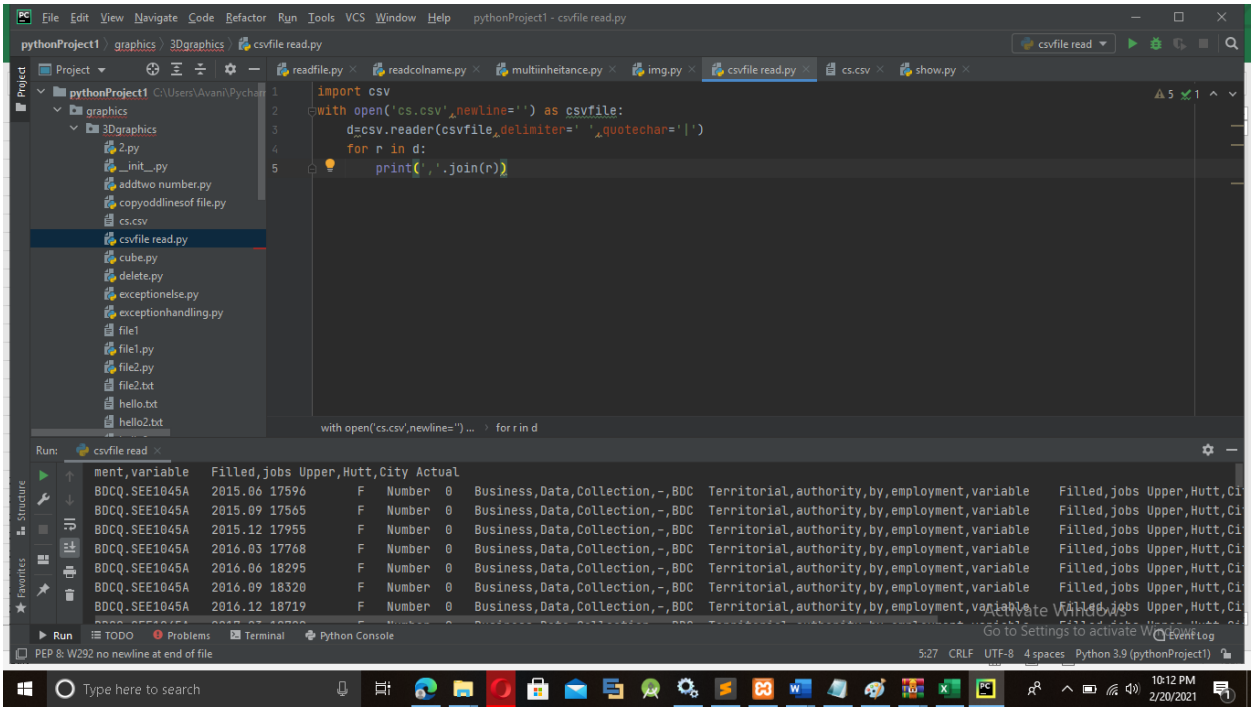


3)Write a python program to read each row from a given cv files and print a list of strings?

Ans:

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

OUTPUT

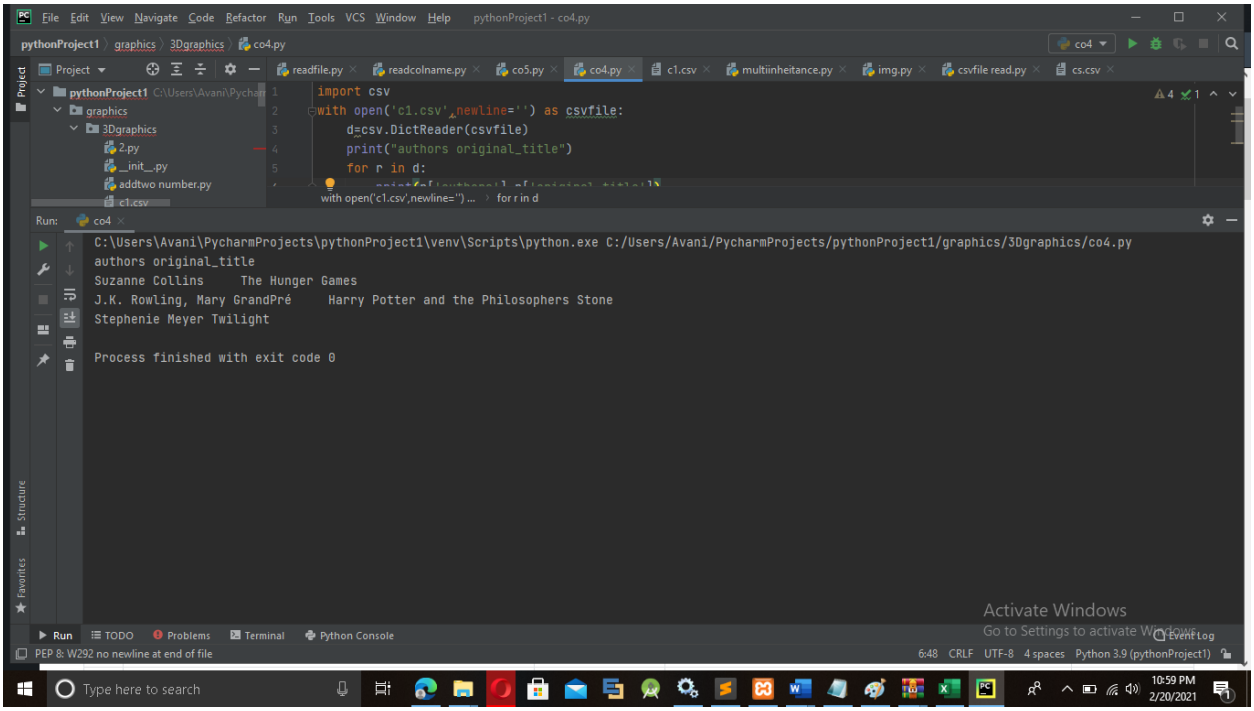


4)Write a python program to read specific coloums of a given csv files and print the content of the colums

ANS:

```
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?

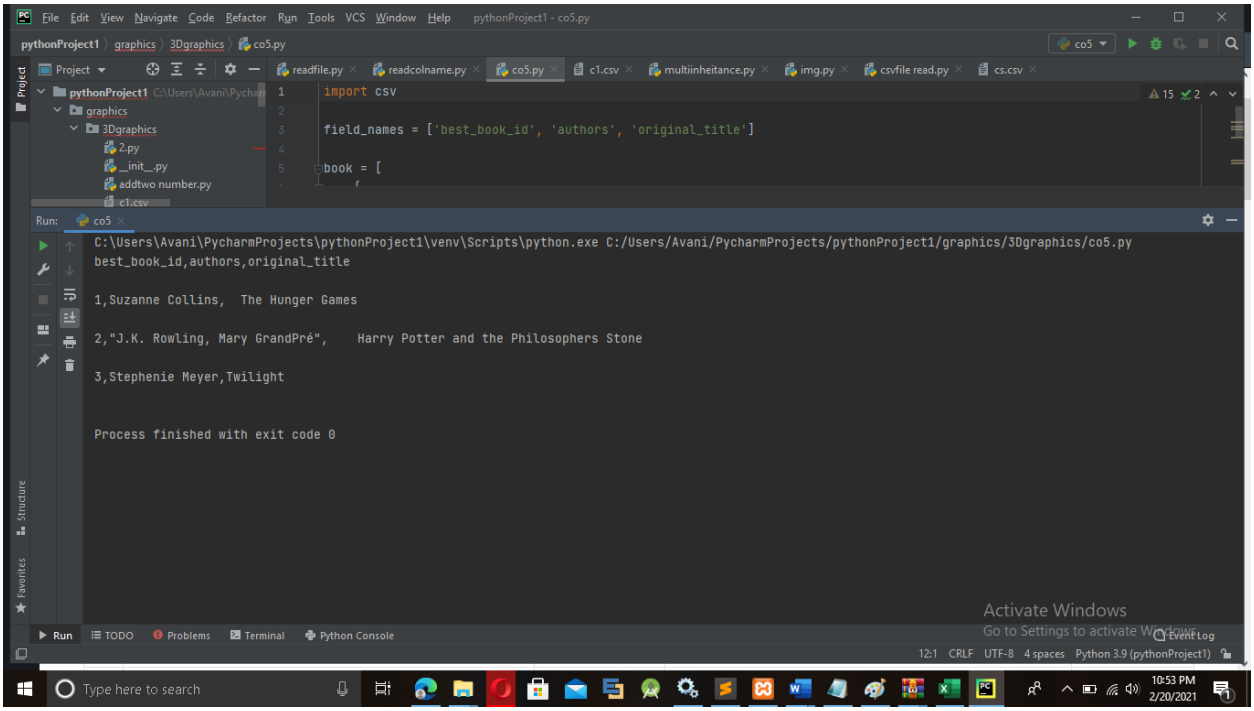
Ans:

```
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



Process finished with exit code 0
```


File Edit View Navigate Code Refactor Run Tools VCS Window Help pythonProject1 - co5.py
pythonProject1 graphics 3Dgraphics co5.py
Project
pythonProject1 C:\Users\Avani\Pycharm
graphics
3Dgraphics
2.py
__init__.py
addtwo number.py
c1.csv
readfile.py
readcolname.py
co5.py
c1.csv
multiinheitance.py
img.py
csvfile read.py
cs.csv
import csv
field_names = ['best_book_id', 'authors', 'original_title']
book = [
Run: co5
C:\Users\Avani\PycharmProjects\pythonProject1\venv\Scripts\python.exe C:/Users/Avani/PycharmProjects/pythonProject1/graphics/3Dgraphics/co5.py
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
Run TODO Problems Terminal Python Console
Event Log
12:1 CRLF UTF-8 4 spaces Python 3.9 (pythonProject1)
Activate Windows
Go to Settings to activate Windows.
Type here to search
10:53 PM
2/20/2021