DATE : 16-10-2023

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

PROGRAM

```
with open("stud.txt") as f:
  slist=f.readlines()
print(slist)
slist=[x.strip() for x in slist]
print("contents of file are:")
print(slist)
```

OUTPUT
contents of file are:
['I am beutiful', 'Are you okay', 'This is my pen',]

2.Write a Python program to copy odd and even lines from one file to another.

PROGRAM

Stud.txt

I am beautiful
This is my pen
I am good
I love dancing

Sfile.py

```
sfile=open("stud.txt","r")
efile=open("even.txt","w")
ofile=open("odd.txt","w")
content=sfile.readlines()
print("contents of file are:")
print(content)
for i in range (len(content)):
if(i%2==0):
efile.write(content[i])
else:
ofile.write(content[i])
s.close
e.close
o.close
```

OUTPUT

odd.txt

This is my pen
I love dancing

even.txt

I am beautiful
I am good

DATE : 21-10-2023

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

PROGRAM

```
import csv
with open("emp.csv",'r') as f:
data=csv.reader(f)
for i in data:
print(i)
```

OUTPUT

```
['Roll No, Name, Age']
['1', 'Meenu', '21']
['2', 'Pooja', '22']
['3', 'Binu', '19']
['4', 'Akhila', '20']
['5', 'Jency', '22']
['6', 'Anu', '23']
```

4.Write a Python program to read specific columns of a given CSV file and print the content of the columns.

PROGRAM

```python
import csv
n=int(input("Enter the line number : "))
with open("emp.csv",'r') as f:
data=list(csv.reader(f))
print(emp[n])
```

OUTPUT

```
Enter the line number : 1
['1', 'Meenu', '21']
```

5.Write a Python program to write a Python dictionary to a csv file. After writing the CSV file read the CSV file and display the content..

PROGRAM

```
import csv
import pandas
field_names=['Roll_No', 'Name', 'Age']
stud_dict=[{'Roll_No':'1', 'Name': 'Meenu','Age': 21},
{'Roll_No':'2', 'Name': 'Pooja','Age': 22},
{'Roll_No':'3', 'Name': 'Binu','Age': 20},
{'Roll_No':'4', 'Name': 'Akhila','Age': 21},
{'Roll_No':'5', 'Name': 'Jency','Age': 24};
{'Roll_No':'6', 'Name': 'Anu','Age': 23}]


with open('emp.csv','w') as f:
writer=csv.DictWriter(f,fieldnames=field_names)
writer.writeheader()
writer.writerows(stud_dict)

data=pandas.read_csv('emp.csv')
print(data)
```

OUTPUT

	Roll_No	Name	Age
0	1	Meenu	21
1	2	Pooja	22
2	3	Binu	20
3	4	Akhila	21
4	5	Jency	24
5	6	Anu	23