

**GANPAT UNIVERSITY**  
**U. V. PATEL COLLEGE OF ENGINEERING**  
**B.Tech CE/IT Semester IV**  
**2CEIT404: Python Programming**

**PRACTICAL-7: FILE OPERATIONS**

1. Write a Python program to read content from a file and display the word with maximum length.

INPUT:

```
print(21012011074)
f1=open("C:/Users/gurup/OneDrive/Desktop/python/guru.txt","r")
x=f1.read()
l1=x.split()
l=len(max(l1))
for i in l1:
    if len(i)==l:
        print(i)
f1.close
```

OUTPUT:

```
21012011074
patel
```

2. Write a Python program to combine each line from first file with the corresponding line in second file.

INPUT:

```
print(21012011074)
with open("C:/Users/gurup/OneDrive/Desktop/python/guru.txt","r") as f1:
    with open("C:/Users/gurup/OneDrive/Desktop/python/guru1.txt","r") as f2:

        x=f1.readlines()
        y=f2.readlines()
        m=min(len(x),len(y))
        for i in range(m):
            z=x[i].strip()+" "+y[i].strip()
            print(z)
        f1.close
        f2.close
```

OUTPUT:

```
21012011074
hii 21012011074
my name is guru patel Surbhi is my name
it's G.T it's Surbhi
```

3. Write a Python program to read first n lines of a file.

INPUT:

```
print(21012011074)
with open("C:/Users/gurup/OneDrive/Desktop/python/guru1.txt","r") as f1:
    x=f1.read()
    print(x)
f1.close
```

OUTPUT:

```
21012011074
21012011074
Surbhi is my name
it's Surbhi
```

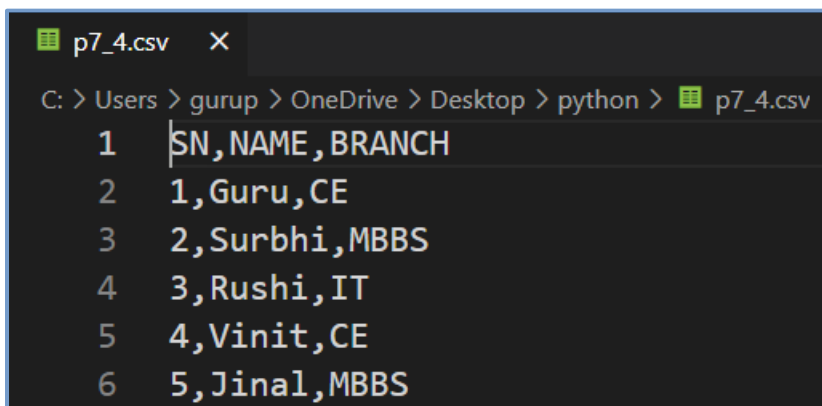
4. Write a Python program to write students information into csv file and read that details.

INPUT:

```
print(21012011074)
import csv

with open("C:/Users/gurup/OneDrive/Desktop/python/p7_4.csv","w",newline=") as file:
    writer=csv.writer(file)
    writer.writerow(["SN","NAME","BRANCH"])
    writer.writerow([1,'Guru','CE'])
    writer.writerow([2,'Surbhi','MBBS'])
    writer.writerow([3,'Rushi','IT'])
    writer.writerow([4,'Vinit','CE'])
    writer.writerow([5,'Jinal','MBBS'])
file.close
```

OUTPUT:



```
p7_4.csv  X
C: > Users > gurup > OneDrive > Desktop > python > p7_4.csv
1  SN,NAME,BRANCH
2  1,Guru,CE
3  2,Surbhi,MBBS
4  3,Rushi,IT
5  4,Vinit,CE
6  5,Jinal,MBBS
```