PWP POST LAB 13

NAME:JASANI TRUPALI
ER NO:92510133011

1.

```python
# a. Count lines, words, and characters
f1 = open(r"C:\Users\trupa\OneDrive\Documents\PWP\ict.txt", "r")
text = f1.read()
f1.close()

lines = text.splitlines()
words = text.split()
characters = len(text)

print("Number of lines:", len(lines))
print("Number of words:", len(words))
print("Number of characters:", characters)
```

2.

```python
# b. Store each line in a list
lines_list = []
f1 = open(r"C:\Users\trupa\OneDrive\Documents\PWP\ict.txt", "r")
for line in f1:
    lines_list.append(line.strip())  # remove newline characters
f1.close()

print("List of lines:", lines_list)
```

3.

```python
import csv

f_csv = open(r"C:\Users\trupa\OneDrive\Documents\PWP\data.csv", "r")
reader = csv.reader(f_csv)
for row in reader:
    print(row)
f_csv.close()
```

4.

```python
f1 = open(r"C:\Users\trupa\OneDrive\Documents\PWP\file.txt", "r")
f2 = open(r"C:\Users\trupa\OneDrive\Documents\PWP\file.txt", "r")

data1 = f1.read()
data2 = f2.read()

f1.close()
f2.close()

f_merged = open(r"C:\Users\trupa\OneDrive\Documents\PWP\merged.txt", "w")
f_merged.write(data1 + "\n" + data2)
f_merged.close()

print("Files merged successfully into merged.txt")
```