Q. Write a program in Python to count total characters in file, total words in file, total lines in file and frequency of given word in file.

```python
'''Write a program in Python to count total characters in file, total words in
file, total lines in file
and frequency of given word in file.'''
my_file = open("my file.txt")
contents = my_file.read()

# count total characters in file
char_count= len(contents)
print("Total character in file are :",char_count)

# Total words in file
word_count = len(contents.split())
print("Total words in file are :",word_count)

# total lines in file
line_count = len(contents.split(","))-1
print("Total lines in file are:",line_count)

# to find frequency of given word
new = input("Enter the word that present in content:")
new_count = len(contents.split(new))-1
if new_count > 0:
    print("Number of times", new, "repeat is", new_count)
else:
    print("This word is not present")
```

Output:-

```
C:\Users\Admin\PycharmProjects\project2\.venv\Scripts\python.exe C:\Users\Admin\PycharmProjects\project2\op.py
Total character in file are : 154
Total words in file are : 32
Total lines in file are: 0
Enter the word that present in content:is
Number of times is repeat is 5

Process finished with exit code 0
```