```python
# Difference between wirte and writelines
with open("1.txt", "w") as f:
    f.write("Used for single string\n")
    list = ["12\n", "Hello world\n"]
    # It take anything as an argument except interger
    f.writelines(list)
    # f.write(list) this show error for write
```

```python
# Difference between read , readline and readlines
# you can not read that character again that already read above

with open("1.txt", "r") as f:
    print(f"The result of read function is :- \n{f.read()}")
    limit = f.read(5)
    print(f"The result of read function with given a limit is :- \n{limit}")
    # you can not use read or readline function together for same file

    print(f"The result of readline function is:-\n{f.readline()}")
    print(f"The result of readlines function is:-\n{f.readlines()}")
```

```
# Reading of text file

# By using normal method
f = open("1.txt", "r")
a = f.read()
print(a)
f.close()

# By using clause method
with open("1.txt", "r") as f:
    print(f.read())
```

```python
# Reading on binary file

# By using normal method
import pickle
f = open("1.bin" , "rb")
a = pickle.load(f)
print(a)
f.close()

# By using clause method
with open("1.bin", "rb") as f:
    print(pickle.load(f))
```

```python
# Reading from csv file

# By using the noraml method
import csv
f = open("1.csv", "r")
a = csv.reader(f)
for row in a:
    print(row)

f.close()

# By using the clause method
with open("1.csv", "r") as f:
    a = csv.reader(f)
    for row in a:
        print(row)
```

```python
# Use of tell and seek function
with open("1.txt", "r") as f:
    print(f"What is the current location of cursor:- {f.tell()}")
    print(f.read())
    print(f"Now move the cursor from beginning:- {f.seek(6)}")
    print(f"What is the current location of cursor:- {f.tell()}")
    print(f.read())
    print(f"What is the current location of cursor:- {f.tell()}")
```

```python
# Write on  text file

# By noraml method
f = open("1.txt", "w")
f.write("kuch bhi")
f.close()

# By using clause method
with open("1.txt", "w") as f:
    f.write("koi sa bhi use kar lo")
```

```python
# Writing on binary file

# By using normal method
import pickle
f = open("1.bin" , "wb")
pickle.dump("kuch bhi",f)
f.close()

# By using clause method
with open("1.bin", "wb") as f:
    pickle.dump("koi sa bhi use kar la", f)
```

```python
# Writing on csv(Comma-seperated-value) file

# By using normal method
import csv
heading = ["Roll no","Name"]
data = [["1", "Rohan"], ["2", "Deepash"]]
f = open("1.csv", "w", newline='')
a = csv.writer(f, delimiter=",")
a.writerow(heading)
for i in data:
    a.writerow(i)
f.close()

# By using clause method
heading = ["Roll no","Name"]
data = [["100", "Rohan"],["101", "Deepash"]]
with open("1.csv", "w", newline='') as f:
    a = csv.writer(f, delimiter=",")
    a.writerow(heading)
    for i in data:
        a.writerow(i)
```

```python
# Difference between writerow and writerows
import csv
with open("1.csv", "w") as f:
    a = csv.writer(f, delimiter=',')
    a.writerow(["Class", "name"])
    a.writerows(["Class", "name"])
```

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