

```
import sys

from collections import defaultdict

log_data = [

    "INFO System started",

    "WARN Low disk space",

    "ERROR Failed to start",

    "INFO User logged in",

    "ERROR File not found"

]

mapped = []

for line in log_data:

    line = line.strip()

    if line:

        log_level = line.split()[0]

        mapped.append((log_level, 1))


shuffle_sort = defaultdict(list)

for key, value in mapped:

    shuffle_sort[key].append(value)


reduced = {}

for key in shuffle_sort:

    reduced[key] = sum(shuffle_sort[key])


for key, count in reduced.items():

    print(f"{key}\t{count}")
```

OUTPUT-

D:\College Studies\Data Science Practical>

INFO 2

WARN 1

ERROR 2