

```
# BJU Bitwise Blitz
# prob8.py
```

```
import math, re, bisect
def read(): return input().strip()
def iread(): return int(input().strip())
def viread(): return [int(_) for _ in input().strip().split()]
```

```
# code goes here
```

```
line = read()
```

```
i = 1
```

```
t1 = 0
```

```
while not line.startswith("THE END"):
```

```
    code = "" if line != "" else '0'
```

```
    for thing in line.split():
```

```
        code += str(len(thing))
```

```
    print("Line {} = {}".format(i, code))
```

```
    i += 1
```

```
    t1 += int(code)
```

```
    line = read()
```

```
print("Sum of file = {}".format(t1))
```