

Hint:

① Perfect number:

```
a = int(input())
```

```
b = 0
```

```
for i in range(1, a):
```

```
    if (a % i) == 0:
```

```
        b = b + i
```

```
if b == a:
```

```
    print("Perfect num")
```

```
else:
```

```
    print("not perfect num")
```

② Count vowels and consonants:

```
str = input()
```

```
v = 0
```

```
c = 0
```

```
for i in str:
```

```
    if (i == 'a' or i == 'e' or i == 'i' or
```

```
        i == 'o' or i == 'u' or i == 'A'
```

```
        or i == 'E' or i == 'I' or i == 'O'
```

```
        or i == 'U'):
```

$V \neq 1$

else:

$C + = 1$

print(v)

print(c)