

```
2 .a=input('enter the sentence ').lower()
```

```
x=a.split(" ")
```

```
y=[]
```

```
for i in x:
```

```
    if y.count(i)==0:
```

```
        y.append(i)
```

```
        print(i.title(),"-",a.count(i))
```

```
3. import re
```

```
a=input("enter the word")
```

```
b=re.findall("[a-z]",a)
```

```
c=re.findall("\d",a)
```

```
d=(len(c))
```

```
e=(len(b))
```

```
print(e)
```

```
print(d)
```

```
4 .import re
```

```
a=input('enter the password')
```

```
if len(a) >=6 and len(a) <=12 and (re.findall('[a-z]',a)) and (re.findall('[A-Z]',a))  
and(re.findall('[$#@]',a)):
```

```
    print('valid password')
```

```
else:
```

```
    print('invalid password')
```

```
5 .a=input("enter the string to be checked ")
```

```
target_word=input("enter the target word ")
```

```
x=a.split(" ")
```

```
j=0
```

```
index_pos=[]
```

```
for i in x:
```

```
    if i==target_word:
```

```
        index_pos.append(j)
```

```
        j=j+1
```

```
print(index_pos)
```