1. Write a Python program to find words which are greater than given length k?

In [1]:

```python
k=3
s="Hello this is Assigment 11"
for i in s.split(" "):
    if len(i)>k:
        print(i)
```

```
Hello
this
Assigment
```

2. Write a Python program for removing i-th character from a string?

In [7]:

```python
s="assiggmment"
i=8
for j in range(len(s)):
    if j==i-1:
        s=s[:j]+s[i:]
print(s)
```

```
assiggment
```

3. Write a Python program to split and join a string?

In [9]:

```python
s="hello good after noon"
l=s.split(" ")
k="-".join(l)
print(k)
print(l)
```

```
hello-good-after-noon
['hello', 'good', 'after', 'noon']
```

4. Write a Python to check if a given string is binary string or not?

In [10]:

```
import re
string="101010"
pattern = "^[01]+$"
k=re.match(pattern, string)
if k:
    print("the given string is binary")
else:
    print("the given string is not binary")
```

the given string is binary

5. Write a Python program to find uncommon words from two Strings?

In [12]:

```
s="hello this is ali"
s1="hello this is ahmed"
for i in s1.split(" "):
    if i  not in s.split(" "):
        print(i)
for i in s.split(" "):
    if i  not in s1.split(" "):
        print(i)
```

ahmed
ali

In [13]:

```
s1=set(s1.split())
s=set(s.split())
print(s.symmetric_difference(s1))
```

{'ahmed', 'ali'}

6. Write a Python to find all duplicate characters in string?

In [17]:

```
s="AhmedAli"
k=set()
for i in s:
    if i in k:
        print(i)
    else:
        k.add(i)
```

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7. Write a Python Program to check if a string contains any special character?

In [23]:

```python
s="abcdegfhijklmnopqrstuvwxyz"
a="Ahmed$Ali"
c=0
for i in a:
    if i.lower() not in s:
        c+=1

if c>0:
    print(f"The string has {c} special characters")
else:
    print("The string has  no special characters")
```

The string has 1 special characters