1. Write a Python program to find words which are greater than given length k?
2. Write a Python program for removing i-th character from a string?
3. Write a Python program to split and join a string?
4. Write a Python to check if a given string is binary string or not?
5. Write a Python program to find uncommon words from two Strings?
6. Write a Python to find all duplicate characters in string?
7. Write a Python Program to check if a string contains any special character?

**Solution : 1**

k = int(input("Enter a number "))

sentence = list(map(str, input(" Enter a sentence ").split()))

for \_ in range(0, len(sentence)):

if len(sentence[\_])>k:

print("words which are greater than given length k are " , sentence[\_])

else:

pass

**Solution: 2**

st = "Aashna Sule is from Mumbai "

ith\_character = int(input("Enter a number "))

st.replace(st[ith\_character], "")

**Solution: 3**

st = input("Enter a string ")

st\_ = st.split(" ") # split at space

print("Splitted string is ", st\_)

print(' string after joining operation is ', "@".join(st\_)) #joining at space

**Solution: 4**

import re

st = input("Enter a string ")

r= re.compile('[^01]')

if(len(r.findall(st))):

print("{0} is not binary string ".format(st))

else:

print("{0} is binary string ".format(st))

**Solution: 5**

st1 = "Amar kumar".split()

st2 = "Amardeep kumar".split()

s1 = set(st1)

s2 = set(st2)

print(s1-s2)

print(s2-s1)

**Soluiton: 6**

def find\_dup\_char(input):

x=[]

for i in input:

if i not in x and input.count(i)>1:

x.append(i)

print(" ".join(x))

if \_\_name\_\_ == "\_\_main\_\_":

input = 'amar'

find\_dup\_char(input)

**Solution: 7**

import re

def check\_presence\_of\_Special\_character(st):

regex = re.compile('[@\_!#$%^&\*()<>?/\|}{~:]')

if regex.search(st)== None:

print("String does not contains special character ")

else:

print("String contains special character ")

s= "A@mar"

check\_presence\_of\_Special\_character(s)