**Assignment-11**

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

string1 = "Hi, I am Priyanka. I am Thankful to all of you"  
list1 = string1.split(" ")  
k = int(input("Enter a number"))  
for i in list1 :  
 if len(i)>k:  
 print(i)

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

string1 = "Hi, I am Priyanka. I am Thankful to all of you"  
#list1 = string1.split(" ")  
k = int(input("Enter a number"))  
string1=string1.replace(string1[k],"")  
print(string1)

1. **Write a Python program to split and join a string?**

string1 = "AAA BBB"  
#strinh=g split  
list1 = string1.split(" ")  
print(list1)  
  
#join string  
string2 = "CCC"  
string3= string1.join(string2)  
print("string after joining", string3)

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

def check(string):  
 b = set(string)  
 s = {'0', '1'}  
 if s == b or b == {'0'} or b == {'1'}:  
 print("Binary String")  
 else:  
 print("Non Binary String")  
  
  
s1 = "00110101"  
# function calling  
check(s1)  
s2 = "1010100200111"  
check(s2

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

s1 = "Hello, How are u World!"  
s2 = "Hello, are you priyanka ?"  
list1 = s1.split(" ")  
list2 = s2.split(" ")  
print(list1.\_\_eq\_\_(list2))  
set1 = set(list1)  
set2 = set(list2)  
print(set1.symmetric\_difference(set2))

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

string = input("enter the string whose duplicate characters you want to find:")  
def duplicates\_char(s):  
 elements = {}  
 for char in s:  
 if elements.get(char,None) != None:  
 elements[char]+=1  
 else:  
 elements[char] = 1  
 return [k for k,v in elements.items() if v>1]  
print("the duplicate character in",string,"is")  
print(duplicates\_char(string))

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

import re  
  
# take inputs  
string = input('Enter any string: ')  
  
# special characters  
special\_char = re.compile('[@\_!#$%^&\*()<>?/\|}{~:]')  
  
# check string contains special characters or not  
if (special\_char.search(string) == None):  
 print('String does not contain any special characters.')  
else:  
 print('The string contains special characters.')