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

**Ans:- def length(a, b):**

**Result = b.split(“ “)**

**For I in result:**

**If len(I) > a:**

**Print(I)**

**Else:**

**Continue**

**Length(4, “My name is manya”)**

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

**Ans:- def length(a, b):**

**Result\_1 = a[:b]**

**Result\_2 = a[b+1:]**

**Result = result\_1 + result\_2**

**Print(result)**

**Length(“my name is manya sharma”, 5)**

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

**Ans:- def join(a):**

**Sum = “ “**

**Result = a.split(“”)**

**For I in result:**

**Sum += I + “ ”**

**Print(sum)**

**Join(“my name is manya”)**

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

**Ans:- def is\_binary\_string(string):**

**for char in string:**

**if char != '0' and char != '1':**

**return False**

**return True**

**# Example usage**

**string1 = "101010"**

**string2 = "101021"**

**if is\_binary\_string(string1):**

**print(string1, "is a binary string.")**

**else:**

**print(string1, "is not a binary string.")**

**if is\_binary\_string(string2):**

**print(string2, "is a binary string.")**

**else:**

**print(string2, "is not a binary string.")**

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

**Ans:- def check(a, b):**

**Result\_1 = a.split(“ “)**

**Result\_2 = b.split(“ “)**

**For I in result\_1:**

**If I not in result\_2:**

**Print(I)**

**For j in result\_2:**

**If j not in result\_1:**

**Print(j)**

**Check(“kapish is 7.789 years old”, “manya is 9 years old”)**

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

**Ans:- def find\_duplicate\_characters(string):**

**# Create an empty dictionary to store the character counts**

**char\_count = {}**

**# Iterate over each character in the string**

**for char in string:**

**# Increment the count for the character**

**char\_count[char] = char\_count.get(char, 0) + 1**

**# Create a list to store the duplicate characters**

**duplicates = []**

**# Iterate over the character count dictionary**

**for char, count in char\_count.items():**

**# If the count is greater than 1, add the character to the duplicates list**

**if count > 1:**

**duplicates.append(char)**

**# Return the list of duplicate characters**

**return duplicates**

**# Example usage**

**input\_string = "Hello, World!"**

**result = find\_duplicate\_characters(input\_string)**

**print("Duplicate characters:", result)**

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

**Ans:- def is\_special\_string(string):**

**special\_characters = ['!', '@', '#', '$', '%', '^', '&', '\*', '(', ')', '-', '\_', '+', '=', '{', '}', '[', ']',**

**'|', '\\', ':', ';', '"', "'", '<', '>', ',', '.', '?', '/', '~', '`']**

**for char in string:**

**if char in special\_characters:**

**return True**

**return False**

**string1 = "my name is kapish armarkar"**

**if is\_special\_string(string1):**

**print("This string contains special characters")**

**else:**

**print("This string does not contain any special characters")**