**PRACTICAL NO. 0 5**

**5. Write the program for the following:**

**A. Write a Python script to sort (ascending and descending) a dictionary by value.**

**CODE:**

def sort():

d={input("Enter Name"):int(input("Enter Marks"))for x in range(4)}

print(sorted(d.items()))

print(sorted(d.items(),reverse=True))

sort()

**OUTPUT:**

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**A)A *pangram* is a sentence that contains all the letters of the English alphabet at least once, for example: *The quick brown fox jumps over the lazy dog*. Your task here is to write a function to check a sentence to see if it is a pangram or not.**

**CODE:**

def pangram\_stc(stc):

alpha = "abcdefghijklmnopqrstuvwxyz"

f = 1

for b in alpha:

if b not in stc:

f = 0

break

else:

f = 1

if f == 1 :

print('pangram')

else:

print('not')

stc = str(input('enter sentence to ckeck pangram or not : '))

pangram\_stc(stc)

**OUTPUT:**





**B)Take a list, say for example this one:**

**a = [1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89] and write a program that prints out all the elements of the list that are less than 5.**

**CODE:**

def no\_less\_than\_5(il,lc):

for i in range(lc):

if il[i]<5 :

print(il[i])

lc = int(input("enter total number of list elements :"))

il = list()

for i in range (lc):

i\_val = int(input("enter value : "))

il.append(i\_val)

print("list : ",il)

print("elements of the list that are less than 5 : ")

no\_less\_than\_5(il,lc)

**OUTPUT:**

