**DATA STRUCTURES AND ALGORITHM**

**ASSIGNMENT -4 | 12TH MARCH 2021**

**IMPLMENT LINEAR SEARCH USING PYTHON**

def linearsearch(arr, x):

   for i in range(len(arr)):

      if arr[i] == x:

         return i

   return -1

arr = ['t','u','t','o','r','i','a','l']

x = 'a'

print("element found at index "+str(linearsearch(arr,x)))

**Output :**

element found at index 6