PRACTICAL NO 3

import re

def pattern1(text):

pattern = "ab\*";

if re.search(pattern, text):

print("Pattern Found")

else:

print("Not Found")

def pattern2(text):

pattern = "ab{3}";

if re.search(pattern, text):

print("Pattern Found")

else:

print("Not Found")

def pattern3(text):

pattern = "^[a-z]+\_[a-z]+";

if re.search(pattern, text):

print("Pattern Found")

else:

print("Not Found")

def pattern4(text):

pattern = "^[A-Z]{1}[a-z]+";

if re.search(pattern, text):

print("Pattern Found")

else:

print("Not Found")

def pattern5(text, list):

for i in list:

if re.search(i, text):

print(i + " - Pattern Found")

else:

print(i + " - Not Found")

list = ["atom", "anu", "INLP"]

# text = input()

text = "Atom is here in the INLP lab. The examples of the input strings for this examples are abbb abbbb ab aabb etc. This is Practical\_no 3"

print("Output for Q1: ")

pattern1(text)

print("\nOutput for Q2: ")

pattern2(text)

print("\nOutput for Q3: ")

pattern3(text)

print("\nOutput for Q4: ")

pattern4(text)

print("\nOutput for Q5: ")

pattern5(text, list)

Output:

