1)Write a Python program to match a string that contains only upper and lowercase letters, numbers, and underscores.

Code :=

import re

print(bool(re.match("^[A-Za-z0-9\_-]\*$", 'aValidString123--\_\_')))

print(bool(re.match("^[A-Za-z0-9\_-]\*$", 'inv@lid')))

Output :=

True

False

2)Write a Python program to find the occurrence and position of the substrings within a string.

Code :=

import re

text = 'Python exercises, PHP exercises, C# exercises'

pattern = 'exercises'

for match in re.finditer(pattern, text):

s = match.start()

e = match.end()

print('Found "%s" at %d:%d' % (text[s:e], s, e))

Output :=

Found "exercises" at 7:16

Found "exercises" at 22:31

Found "exercises" at 36:45