**MODULE – 6 ASSIGNMENT**

**Regular Expression**

1)Write a Python program to check that a string contains only a certain set of characters (in this case a-z, A-Z and 0-9)

2) Write a Python program to replace all occurrences of space, comma, or dot with a colon.

**Q1 Python Code:**

import re

def is\_allowed\_specific\_char(string):

charRe = re.compile(r'[^a-zA-Z0-9]')

string = charRe.search(string)

return not bool(string)

print(is\_allowed\_specific\_char("ABCDEFabcdef123450"))

print(is\_allowed\_specific\_char("\*&%@#!}{"))

**Output:**

True

False

Q2**Python Code:**

import re

text = 'Python Exercises, PHP exercises.'

print(re.sub("[ ,.]", ":", text))

**Output:**

Python:Exercises::PHP:exercises: