1. Python – Check whether a string starts and ends with the same character or not

def check\_start\_end\_same(string):

if len(string) > 0 and string[0] == string[-1]:

return True

else:

return False

# Example usage

string = "hello"

result = check\_start\_end\_same(string)

print(f"Result: {result}")

1. Python regex to find sequences of one upper case letter followed by lower case letters

import re

def find\_uppercase\_sequences(string):

pattern = r"[A-Z][a-z]+"

sequences = re.findall(pattern, string)

return sequences

# Example usage

string = "HelloWorld is a PythonProgram"

sequences = find\_uppercase\_sequences(string)

print(f"Sequences: {sequences}")

1. Python Program to Remove duplicate words from Sentence

def remove\_duplicate\_words(sentence):

words = sentence.split()

unique\_words = list(set(words))

unique\_sentence = " ".join(unique\_words)

return unique\_sentence

# Example usage

sentence = "This is is a test test sentence"

result = remove\_duplicate\_words(sentence)

print(f"Result: {result}")

1. Python | Remove all characters except letters and numbers

import re

def remove\_special\_characters(string):

pattern = r"[^a-zA-Z0-9]"

cleaned\_string = re.sub(pattern, "", string)

return cleaned\_string

# Example usage

string = "Hello!123#"

result = remove\_special\_characters(string)

print(f"Result: {result}")

1. Python Regex | Program to accept string ending with alphanumeric character

import re

def check\_string\_ending\_alphanumeric(string):

pattern = r"^[a-zA-Z0-9]+[a-zA-Z0-9\_]\*[a-zA-Z0-9]$"

match = re.match(pattern, string)

if match:

return True

else:

return False

# Example usage

string = "Hello123\_"

result = check\_string\_ending\_alphanumeric(string)

print(f"Result: {result}")

1. Python Regex – Program to accept string starting with vowel
2. Python Program to check if a string starts with a substring using regex
3. Python Program to Check if an URL is valid or not using Regular Expression
4. Parsing and Processing URL using Python – Regex
5. Python Program to validate an IP address using ReGex