List of Programs on Strings

Q1. WAP to check whether the entered string is a palindrome (without using loop)

Q2. WAP to check whether the string “Hello World” is same as “hello world”

Q3. What is the output of the following code:

quote = 'Do small things with great love'

# Substring is searched in 'hings with great love'

print(quote.find('small things', 10))

# Substring is searched in ' small things with great love'

print(quote.find('small things', 2))

# Substring is searched in 'hings with great lov'

print(quote.find('o small ', 10, -1))

# Substring is searched in 'll things with'

print(quote.find('things ', 6, 20))

Q4. 'python is popular programming language'. Find the number of occurrences of the alphabet p in the given string.

Q5. What is the output of the following code:

# define string

string = "Python is awesome, isn't it?"

substring = "i"

# count after first 'i' and before the last 'i'

count = string.count(substring, 8, 25)

# print count

print("The count is:", count)

Q6. What is the output of the following code and why?

sentence = 'Python programming is fun.'

# Substring is searched in 'gramming is fun.'

print(sentence.index('ing', 10))

# Substring is searched in 'gramming is '

print(sentence.index('g is', 10, -4))

# Substring is searched in 'programming'

print(sentence.index('fun', 7, 18))

Q7. What is the output of the following code and why?

quote = 'Do small things with great love'

# Substring is searched in 'hings with great love'

print(quote.rfind('things', 10))

# Substring is searched in ' small things with great love'

print(quote.rfind('t', 2))

# Substring is searched in 'hings with great lov'

print(quote.rfind('o small ', 10, -1))

# Substring is searched in 'll things with'

print(quote.rfind('th', 6, 20))

Q8. Write a Python program to get a single string from two given strings, separated by a space and swap the first two characters of each string.

Q9. Write a Python program to change a given string to a new string where the first and last chars have been exchanged.

Q10. Given two strings, s1 and s2, write a program to return a new string made of s1 and s2’s first, middle, and last characters.