**Task 1**

Given an integer, write a function using recursion that returns true if the given string is a palindrome, else it should return false. For example, 12321, *madam* are palindromes, but 1451 is not palindrome.

**My Input**

#palindromes

def is\_palindrome(input)

if len(input) < 1:

return true

else:

return false

pal=str(input(“Please enter string:”))

if(is\_palindrome(pal)==True):

print(“The String is a Palindrome!”)

else:

print(“The String is not a Palindrome!”)

**My Output**

Please enter string: socattacos

The String is a Palindrome!