Python assignment-3

#1. Reverse the order of words in a sentence

def reverse_words(sentence):
return ' '.join(sentence.split()[::-1])

2. Count consonants in a string (ignore case)

def count_consonants(s):

vowels = 'aeiou'

return sum(1 for c in s.lower() if c.isalpha() and c not in vowels)

3. Check if two strings are anagrams (ignore case)

def is_anagram(s1, s2):
return sorted(s1.lower()) == sorted(s2.lower())

4. Find the first unique character in a string (case-sensitive)

def first_unique_char(s):
 for c in s:
 if s.count(c) == 1:
 return c
 return None

5. Compress a string by replacing repeated characters