1. Assignment 3 Rory Lange
   1. Given the string “*Monty Python”*
      1. Print only the first character
         1. Str = “Monty Python”
         2. Print(str[0])
      2. Print the last character
         1. Print(str[11])
      3. Expression including len to print the last character
         1. Print(str[len(str)-1])
      4. Expression that prints “Monty”
         1. Print(str[0:5])
   2. Given the string “homebody”
      1. Write an expression using slicing to print “home”
         1. Str = “homebody”
         2. Print(str[0,4])
      2. Write an expression using slicing to print “body”
         1. Print(str[4:])
   3. Given a variable s containing a string of even length
      1. Write out an expression to print out the first half of the string
         1. Half = int(len(s)/2)
         2. Print(s[:half])
      2. Write an expression to print the second half of the string
         1. Print(s[half:])
   4. Given a variable s containing a string of odd length:
      1. Write an expression to print the middle character
         1. Half = int(len(s)/2)
         2. Print(s[half])
      2. Write an expression to print the string up to but not including the middle character
         1. Print(s[:half])
      3. Write an expression to print the string from the middle character to the end
         1. Print(s[half:])
   5. Given the string s = “*What is your name?”*:
      1. What is returned by s[::2]
         1. Wa syu ae
      2. What is returned by s[2:8:-1]
         1. Nothing
   6. Given the string variable x = *'acegikmoqsuwy'* and y = *'+bdfhj lnprtvxz' ,* use indexing to create a string z that is the lowercase English alphabet.
      1. x = 'acegikmoqsuwy'
      2. y = 'bdfhjlnprtvxz'
      3. z = ''
      4. for i in range(13):
      5. z = z + x[i] + y[i]
      6. print(z)
   7. what is printed by the following x = ‘This is a test.’
      1. This is a test.This is a test.This is a test.