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| Evidence 1 |
| def decoder():  result = ""    textfile = open("textstream.txt", "r")  content = textfile.read().strip()  numbersList = content.split(",")  for i in range(len(numbersList)):  numbersList[i] = int(numbersList[i])  # modes can either be uppercase (0),  # lowercase (1),  # or punctuation (2)  mode = 0  for number in numbersList:    # uppercase or lowercase mode  if mode == 0 or mode == 1:  lettersU = " ABCDEFGHIJKLMNOPQRSTUVWXYZ"  lettersL = " abcdefghijklmnopqrstuvwxyz"    letterIndex = number % 27  # check if need to change mode  if letterIndex == 0:  # switches the mode:  # uppercase (0) --> lowercase (1)  # lowercase (1) --> punctuation (2)  mode = mode + 1  else:  if mode == 0: # uppercase  letter = lettersU[letterIndex]  else: # lowercase  letter = lettersL[letterIndex]  result += letter  # punctuation mode  else:  puncList = [  None, "!", "?", ",", ".", " ",  ";", '"', "'"  ]    puncIndex = number % 9  # check if need to change mode  if puncIndex == 0:  # switches the mode:  # punctuation (2) --> uppercase (0)  mode = 0  else:  punctuation = puncList[puncIndex]  result += punctuation  textfile.close()  print(result) |
| Evidence 2 |
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| Evidence 3 |
| def encoder():  inputString = input("Enter the string to encode: ")  resultArray = []  # modes can either be uppercase (0),  # lowercase (1),  # or punctuation (2)  currMode = 0  prevMode = 0  for character in inputString:  # character is uppercase  if character in "ABCDEFGHIJKLMNOPQRSTUVWXYZ":  alphabet = " ABCDEFGHIJKLMNOPQRSTUVWXYZ"  currMode = 0  # append 0s accordingly to change the  # mode to UPPERCASE  if prevMode == 1:  resultArray.append(0)  resultArray.append(0)  elif prevMode == 2:  resultArray.append(0)    for i in range(len(alphabet)):  if alphabet[i] == character:  resultArray.append(i)  # character is lowercase  elif character in "abcdefghijklmnopqrstuvwxyz":  alphabet = " abcdefghijklmnopqrstuvwxyz"  currMode = 1  # append 0s accordingly to change the  # mode to LOWERCASE  if prevMode == 0:  resultArray.append(0)  elif prevMode == 2:  resultArray.append(0)  resultArray.append(0)  for i in range(len(alphabet)):  if alphabet[i] == character:  resultArray.append(i)  # character is a punctuation  else:  punctuations = [  None, "!", "?", ",", ".", " ",  ";", '"', "'"  ]  currMode = 2  # append 0s accordingly to change the  # mode to PUNCTUATION  if prevMode == 0:  resultArray.append(0)  resultArray.append(0)  elif prevMode == 1:  resultArray.append(0)  for i in range(len(punctuations)):  if punctuations[i] == character:  resultArray.append(i)  # set currMode as new prevMode  prevMode = currMode  for i in range(len(resultArray)):  resultArray[i] = str(resultArray[i])  print(",".join(resultArray)) |
| Evidence 4 |
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| Evidence 5 |
| ***from random import randint***  def encoder\_random():  inputString = input("Enter the string to encode: ")  resultArray = []  # modes can either be uppercase (0),  # lowercase (1),  # or punctuation (2)  currMode = 0  prevMode = 0  for character in inputString:  # character is uppercase  if character in "ABCDEFGHIJKLMNOPQRSTUVWXYZ":  alphabet = " ABCDEFGHIJKLMNOPQRSTUVWXYZ"  currMode = 0  # append 0s accordingly to change the  # mode to UPPERCASE  if prevMode == 1:  # mode: 1 (LOWERCASE)  # (random multiple of 27)  ***resultArray.append(27 \* randint(0, 100))***  # mode: 2 (PUNCTUATION)  # (random multiple of 9)  ***resultArray.append(9 \* randint(0, 300))***  # mode: 0 (UPPERCASE)    elif prevMode == 2:    # mode: 2 (PUNCTUATION)  ***resultArray.append(9 \* randint(0, 300))***  # mode: 0 (UPPERCASE)    for i in range(len(alphabet)):  if alphabet[i] == character:  ***resultArray.append(27 \* randint(0, 100) + i)***  # character is lowercase  elif character in "abcdefghijklmnopqrstuvwxyz":  alphabet = " abcdefghijklmnopqrstuvwxyz"  currMode = 1  # append 0s accordingly to change the  # mode to LOWERCASE  if prevMode == 0:    # mode: 0 (UPPERCASE)  # (random multiple of 27)  ***resultArray.append(27 \* randint(0, 100))***  # mode: 1 (LOWERCASE)    elif prevMode == 2:  # mode: 2 (PUNCTUATION)  # (random multiple of 9)  ***resultArray.append(9 \* randint(0, 300))***  # mode: 0 (UPPERCASE)  # (random multiple of 27)  ***resultArray.append(27 \* randint(0, 100))***  # mode: 1 (LOWERCASE)    for i in range(len(alphabet)):  if alphabet[i] == character:  ***resultArray.append(27 \* randint(0, 100) + i)***    # character is a punctuation  else:  punctuations = [  None, "!", "?", ",", ".", " ",  ";", '"', "'"  ]  currMode = 2  # append 0s accordingly to change the  # mode to PUNCTUATION  if prevMode == 0:    # mode: 0 (UPPERCASE)  # (random multiple of 27)  ***resultArray.append(27 \* randint(0, 100))***  # mode: 1 (LOWERCASE)  # (random multiple of 27)  ***resultArray.append(27 \* randint(0, 100))***  # mode: 2 (PUNCTUATION)    elif prevMode == 1:  # mode: 1 (LOWERCASE)  # (random multiple of 27)  ***resultArray.append(27 \* randint(0, 100))***  # mode: 2 (PUNCTUATION)  for i in range(len(punctuations)):  if punctuations[i] == character:  ***resultArray.append(9 \* randint(0, 300) + i)***    prevMode = currMode  for i in range(len(resultArray)):  resultArray[i] = str(resultArray[i])  print(",".join(resultArray)) |