**Задание № 1**

# coding=windows-1251

def vowel\_percentage(slogan:str)->str:

vowels = "аеёиоуыэюяАЕЁИОУЫЭЮЯ"

consonant = "бвгджзйклмнпрстфхчцшщъь"

inputString = slogan.replace(' ','')

amountVowels = 0

amountConsonant = 0

for ch in inputString:

for cha in consonant:

if ch.lower() == cha: amountConsonant += 1

for ch in inputString:

for cha in vowels:

if ch == cha: amountVowels += 1

percent = str(round (amountVowels \* 100 / (amountVowels + amountConsonant))) + '%'

return percent

#slogan = input()

slogan = "Какой процент гласных в этом предложении?"

percentage = vowel\_percentage(slogan)

print(percentage)

**Задание № 2**

# coding=windows-1251

def passing\_scores(scores:str)->str:

scores = scores.split(' ')

passed = 0

not\_passed = 0

for i in scores:

if(int(i) >= 60): passed += 1

else: not\_passed += 1

return f"Прошли {passed}, не прошли {not\_passed}"

#scores = input()

scores = "78 91 0 12 66 32"

result = passing\_scores(scores)

print(result)

**Задание № 3**

# coding=windows-1251

def mask(string\_to\_mask:str)->str:

length = len(string\_to\_mask)

newString = ""

for i in range(0, length):

if(i < length - 4): newString += "#"

else: newString += string\_to\_mask[i]

return newString

#string\_to\_mask = input()

string\_to\_mask = "JKMLkmlmcvlkjcvlkjJKJ512dfdL"

result = mask(string\_to\_mask)

print(result)