Задание 1:

original\_string = "random string 'flix ERROR in line & and BUG in Code!'"  
letters\_only = ''.join(filter(str.isalpha, original\_string))  
replaced\_underscore = letters\_only.replace('\_', ' ')  
correct\_string = ' '.join(replaced\_underscore.split())  
print(correct\_string)

Задание 2:

def count\_vowels(input\_string):  
 vowels = 'аеёиоуыэюя'  
 count = 0  
 for char in input\_string:  
 if char in vowels:  
 count += 1  
 return count  
input\_string = input("Введите строку: ")  
if not input\_string.strip():  
 print("Вы ввели пустую строку. Пожалуйста, введите строку.")  
else:  
 vowel\_count = count\_vowels(input\_string)  
 print(f"Количество гласных букв в строке: {vowel\_count}")

Задание 3:

random\_elements = [3, 6, -9, '-5', 'str', list, 'elem', None, -1, 10, str]  
a = []  
count = 0  
  
for i in random\_elements:  
 if isinstance(i, int):  
 count += 1  
 if i < 0:

a.append(int(i))  
 else:  
 pass  
 else:  
 pass  
print (count, sum(a))

Задание 4:

num = int(input("Введите число p: "))  
  
for i in range(11):  
 if i == 0:  
 print("0 \* {} = 0".format(num - 1).ljust(10))  
else:  
 print("{} \* {} = {}".format(i, num - 1, i \* (num - 1)).ljust(10))  
  
i = 1  
while i < 11:  
 print("{} \* {} = {}".format(i, num + 1, i \* (num + 1)).ljust(10))  
 i += 1

Задание 5:

n = int(input())  
a = n - 1  
b = n + 1  
count = 0  
  
while count < 11:  
 print (f'{count} \* {a} = {count \* a} {count} \* {n} = {count \* n} {count} \* {b} = {count \* b}')  
 count += 1

a = int (input())  
b = a  
  
while b <= 50:  
 a = int(input())  
 b += a  
 print ('сумма равна:', b)