Практическая 5

Задание 1.

matrix = [[1, 2, 3], [4, 5, 6], [7, 8, 9]]  
print('матрица:')  
count=0  
for i in matrix:  
 print(i)  
print('нечётные числа:')  
for i in matrix:  
 for k in i:  
 if k%2==1:  
 print(k, end=' ')  
 else:  
 count+=1  
print(' ')  
print('кол-во чётных:',count)

Задание 2.

matrix\_1 = [[2, 4, 3, 6], [5, 7, 1, 5]]  
matrix\_2 = [[2, 9, 0, 2], [3, 4, 7, 6]]  
answer\_matrix = [[0, 0, 0, 0], [0, 0, 0, 0]]  
for i in range(len(matrix\_1)):  
 for k in range (len(matrix\_2[0])):  
 answer\_matrix[i][k] = matrix\_1[i][k]\*matrix\_2[i][k]  
print(answer\_matrix)  
for i in range(len(answer\_matrix)):  
 summ = sum(answer\_matrix[i])  
 print(answer\_matrix[i], ", сумма строки:", summ )

Задание 3.

fruits = [['Banana', 'apple'], ['apricot', 'Avocado'], ['lime', 'lemon'], ['Mango', 'grapes']]  
for i in fruits:  
 for m in i:  
 if m[0].isupper() is True:  
 print(m)

Задание 5.

rows=2  
cols=8  
m=[]  
for i in range(rows):  
 row=[]  
 for j in range(cols):  
 col=int(input(f'type element [{i}][{j}]:'))  
 row.append(col)  
 m.append(row)  
for x in m:  
 print(x)