Практическая 5.1

Задание 1

m=[['folder', 'coursework.doc', 'folder', 'pict.png', 'data.accdb'],  
 ['icon.ico', 'script.js', 'index.html', 'style.css', 'prog.py'],  
 ['my\_song.mp3', 'anapa-2003.jpg', 'cs\_1.6.exe', 'folder', 'cheat.txt'],  
 ['notes.txt', 'main.py', 'work.pdf', 'cartoon.mp4', 'array.py'],  
 ['project.psd', 'cycle.py', 'folder', 'cycle.js', 'turtle.py']]  
m1=[]  
m2=[]  
for i in m:  
 print(i)  
print(' ')  
for k in m:  
 for j in k:  
 if j=='folder':  
 k.remove(j)  
 elif j=='data.accdb':  
 k.remove(j),k.append('data.sql')  
 elif j[-1]=='y':  
 m1.append(j)  
for d in m:  
 for g in d:  
 if g[-1]=='s' and g[-2]=='j':  
 g='new\_'+g  
 m2.append(g)  
print('Без folder')  
for i in m:  
 print(i)  
print()  
print('Файлы .py')  
print(m1)  
print()  
print('Файлы .js')  
print(m2)

Задание 2

wn=["ноль","один","два","три","четыре","пять","шесть","семь","восемь","девять"]  
a=int(input('число от 0 до 9 '))  
if a>=0 and a<=9:  
 for i in range(a+1):  
 print(wn[i])  
else:  
 print('Некорректные данные')

Задание 3

bin\_sy=['11011111', '11011101', '11000111', '11011100', '11011110']  
mas=[]  
for i in bin\_sy:  
 el=int(i,2)  
 mas.append(el)  
print(mas)  
print('Max:',max(mas))  
print('Min:',min(mas))

Задание 4

a=[[-446,281,80],  
 [465,432,-122],  
 [13,'error',8]]  
for i, sublist in enumerate(a):  
 for j, num in enumerate(sublist):  
 if isinstance(num,str):  
 a[i][j]=len(num)  
sum=0  
for el in a:  
 for num in el:  
 sum+=num  
print(f'Сумма матрицы:{sum}')