import numpy as np

# 1. Massiv yaratish

olma = np.array([1,2,3,4,12])

uzum = np.array([[1,3,4],[5,6,9]])

#2. Matematik operatsiyalar

sum\_array=np.sum(olma)

mean\_array=np.mean(olma)

product\_array=np.prod(olma)

sum\_array=np.sum(uzum)

mean\_array==np.mean(uzum)

product\_array=np.prod(uzum)

print("olma", olma)

print("uzum", uzum)

print("Massivlar yig'indisi:", sum\_array)

print("O'rtacha:", mean\_array)

print("ko'paytma:", product\_array)

import pandas as pd

#1. DataFrame yaratish

data ={

'Ism': ['Guli', 'Nilu', 'Sitor'],

'Yoshi':[19,26,30],

'Shahar':['Fargona','Andijon', 'Guliston']

}

df = pd.DataFrame(data)

# 2. Ma'lumotlarni ko'rish

print(df)

# 3.Filtirlash

young\_people = df[df['Yoshi']<30]

print("30 yoshdan kichiklar")