KODE PROGRAM

def input\_data(n):

    data = []

    for i in range(n):

nilai = float(input(f"Masukkan data ke-{i+1}: "))

        data.append(nilai)

    return data

def hitung\_mean(data):

    return sum(data) / len(data)

def hitung\_modus(data):

    counts= {}

    max\_count = 0

    modus = []

    for elemen in data:

        if elemen in counts:

            counts[elemen]+=1

        else:

            counts[elemen]=1

        if counts[elemen]>max\_count :

            max\_count = counts[elemen]

            modus = elemen

        elif counts[elemen]==max\_count and elemen <modus:

            modus = elemen

    return modus

def hitung\_variance(data):

    mean = hitung\_mean(data)

    variance = sum((x - mean) \*\* 2 for x in data) / len(data)

    return variance

def tampilkan\_hasil(mean, modus, variance):

    print(  " | mean      |"    , mean,   "|")

    print(   " | modus     |"  ,   modus   ,   "|")

    print(  " | variance  |"  , variance, "|")

# Input jumlah data

n = int(input("Masukkan jumlah data: "))

# Input data

data = input\_data(n)

# Hitung mean

mean = hitung\_mean(data)

# Hitung modus

modus = hitung\_modus(data)

# Hitung variance

variance = hitung\_variance(data)

# Tampilkan hasil

tampilkan\_hasil(mean, modus, variance)