import numpy as np

# Create a numpy array with 20 random values of 0 and 1

random\_array = np.random.randint(2, size=20)

# Print the array

print("Array:", random\_array)

# Calculate the mean of the array

mean\_value = np.mean(random\_array)

print("Mean of the array:", mean\_value)

# Count how many elements are greater than 0.5

count\_greater\_than\_0\_5 = np.count\_nonzero(random\_array > 0.5)

print("Number of elements greater than 0.5:", count\_greater\_than\_0\_5)