def fizz\_buzz(a):

    for i in range(1, a + 1):

        if i % 3 == 0 and i % 5 == 0:

            print("Fizz Buzz")

        elif i % 3 == 0:

            print("Fizz")

        elif i % 5 == 0:

            print("Buzz")

        else:

            print(i)

a = int(input("enter a no"))

fizz\_buzz(a)

1

2

Fizz

4

movies = [

    ("Eternal Sunshine of the Spotless Mind", 20000000),

    ("Memento", 9000000),

    ("Requiem for a Dream", 4500000),

    ("Pirates of the Caribbean: On Stranger Tides", 379000000),

    ("Avengers: Age of Ultron", 365000000),

    ("Avengers: Endgame", 356000000),

    ("Incredibles 2", 200000000)

]

def get\_budgets(movies):

    budget = []

    for i in movies:

        budget.append(i[1])

    return budget

def Avg\_Budget(budget):

    return sum(budget) / len(budget)

def high\_budget(moveis, average\_budget):

    high = []

    for movie, budget in movies:

        if budget > average\_budget:

            high.append((movie, budget))

    # Count of high budget movies

    count\_high\_budget = len(high)

    for movie, budget in high:

        print(f"{movie}: {budget:,} ({budget - average\_budget:,.2f} above average)")

    return count\_high\_budget  # Return the count of high budget movies

def add():

    num\_movie = int(input("enter the number of movie you want to add "))

    new\_movie = []

    for i in range(num\_movie):

        name = input("Enter name of the movie you want to add")

        budget = int(input("enter budget of the movei in numbers"))

        new\_movie.append((name,budget))

    return new\_movie

def main():

    new\_movie = add()

    movies\_list = movies + new\_movie

    budget = get\_budgets(movies\_list)

    avarage\_budget = Avg\_Budget(budget)

    print(f"Average budget: {avarage\_budget:,.2f}")

    count\_high\_budget = high\_budget(movies\_list, avarage\_budget)

    print(f"Number of movies with budgets higher than the average: {count\_high\_budget}")

main()