**Addition (+) and Subtraction (-)**

1. **Daily Expenses Tracker:**  
   Write a Python program to calculate your total daily expenses. Take input for the cost of breakfast, lunch, dinner, and snacks.  
   *Bonus*: Calculate the amount of money left if you had a fixed budget of ₹500 for the day.
2. **Budget Planner:**  
   Write a program where the user inputs their monthly income and expenses (rent, groceries, utilities, etc.). Calculate the remaining balance or deficit.  
   *Example*:  
   Income = ₹30,000  
   Expenses = ₹25,000  
   Output: Remaining = ₹5,000

**Multiplication (\*)**

1. **Area of a Farm:**  
   Write a program to calculate the area of a rectangular farm. Take length and width as inputs from the user.  
   *Example*:  
   Length = 25 meters, Width = 40 meters  
   Output: Area = 1000 square meters
2. **Salary Calculation:**  
   A company pays ₹200 per hour to its employees. Write a program to calculate the total earnings of an employee for a week, given the number of hours they worked each day.  
   *Example*:  
   Hours worked = 8, 9, 8, 10, 6, 0, 0 (for 7 days).  
   Output: Total weekly earnings = ₹8,200.

**Division (/) and Modulus (%)**

1. **Split the Bill:**  
   Write a program to split the bill among friends after a dinner party. The program should take the total bill amount and the number of friends as input. Display the amount each friend should pay.  
   *Example*:  
   Bill = ₹1,200, Friends = 4  
   Output: ₹300 per person
2. **Odd or Even Checker:**  
   Write a Python program to check if a given number is odd or even using the modulus operator.

**Exponentiation (\*\*)**

1. **Compound Interest Calculator:**  
   Write a program to calculate the compound interest for a given principal amount, rate of interest, and time period.  
   Use the formula:  
   A=P×(1+r)tA = P \times (1 + r)^tA=P×(1+r)t  
   where AAA is the amount, PPP is the principal, rrr is the rate (in decimal), and ttt is the time in years.
2. **Power Calculation:**  
   Write a Python program to calculate the result of a number raised to the power of another number. Take both numbers as input.  
   *Example*:  
   Base = 2, Exponent = 5  
   Output: 25=322^5 = 3225=32

**Floor Division (//)**

1. **Distributing Chocolates:**  
   A teacher has 100 chocolates and wants to distribute them equally among students in a class. Write a program to calculate how many chocolates each student gets and how many are left.  
   *Example*:  
   Chocolates = 100, Students = 13  
   Output: Each student gets 7 chocolates, 9 chocolates left.
2. **Days to Weeks Conversion:**  
   Write a program to convert a given number of days into weeks and remaining days. Use floor division to calculate the weeks and modulus for the remaining days.  
   *Example*:  
   Days = 45  
   Output: 6 weeks and 3 days.

**Combination of Operations**

1. **Cost per Person with Tax:**  
   Write a program to calculate the cost per person after including tax. Take the total bill amount, number of people, and tax percentage as inputs.  
   *Example*:  
   Bill = ₹1,000, People = 4, Tax = 10%  
   Output: ₹275 per person
2. **Distance Calculator:**  
   Write a Python program to calculate the total distance a car can travel. Input the fuel efficiency (km/l), amount of fuel in liters, and total refueling cost.  
   *Bonus*: Calculate the fuel cost per kilometer.  
   *Example*:  
   Efficiency = 15 km/l, Fuel = 10 liters, Cost = ₹1,000  
   Output: Distance = 150 km, Cost per km = ₹6.67