

1. Write a program that asks the user to enter the number of houses they sold that month. The program will then ask the user to enter the value of each house in turn, before calculating and displaying the total value of the houses sold and the commission due to the sales person. Commission is calculated at 1% of the total value of houses sold.
2. Write a program for a cinema ticket system. The program should ask the user to enter the number of people in the group. It should then ask if each person is an adult (A) or a child (C). The program should calculate and display the total amount due for the tickets. Adult tickets cost 8.50 and child tickets cost 5.50. Sample output:

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How many in your group? 3
Is person 1 an adult or a child [A or C]? A
Is person 2 an adult or a child [A or C]? C
Is person 3 an adult or a child [A or C]? C
Total price of tickets: 19.5
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3. A person buys a car costing €17,000. The car depreciates by €1,500 in value each year. Write a program that uses a **for loop** to show the reducing value of the car over a 10 year period.
4. Adapt the above program so that the user can enter the initial value of the car, the rate of depreciation as a percentage and the number of years. Your program should calculate and show the depreciation and the adjusted car value for each year.