

IF Practice questions

1. Movie Snack Combo Deal

The theatre sells popcorn for **\$6.50** and a drink for **\$3.00**. Tax is **13%**. A customer receives a **10% discount** if:

- They buy **both** popcorn *and* a drink **OR**
- They spend **more than \$10 before tax**

Ask the user how many popcorn and how many drinks they are buying. Calculate the total with tax and any discount. Display the final price (2 decimals)

2. Delivery Fee Calculator

A delivery service charges:

- **\$5 base fee**
- **\$1.25 per km**

A customer gets **free delivery** if:

- Their order subtotal is **\$50 or more** **OR**
- The distance is **under 2 km AND** they are a **loyalty member**

Ask the user for subtotal, distance, and loyalty status. Calculate and display the delivery fee and final total. (2 decimals). No need to add tax.

3. School Supplies Bulk Discount

A pack of markers costs **\$4.50** each. A buyer gets:

- **10% off** if they buy **10 or more** **OR**
- **15% off** if they buy **20 or more AND** have a teacher ID

Ask for quantity and whether they have a teacher ID. Calculate and output the final price including **13% tax**. (2 decimals)

4. Parking Garage Fee Calculator

Parking rates:

- **First hour: \$4.00**
- **Each additional hour: \$2.50**
- **Maximum daily charge: \$20.00**

Ask the user how many hours they parked (max 24).

If hours > 24, assume it is 24. Calculate and display the fee. (2 decimals)

5. Car Rental Cost Estimator

A car rental company charges:

- **\$45/day**
- **\$0.22 per km driven**
- **15% tax**

A customer qualifies for a **10% rental discount** if:

- They rent the car for **4+ days AND** drive **under 200 km** **OR**
- They are a **loyalty member AND** rent for **2+ days**.

An extra **\$20 cleaning fee** is added if:

- They have a pet **OR** the rental length exceeds **7 days**.

Ask for days, kilometres, pet status, and loyalty status.

Calculate the total cost.