

IF Practice Questions

1. An airline gives reward points based on miles flown:

Miles Flown	Points Multiplier
0–999	1×
1000–4999	1.5×
5000–9999	2×
10 000+	3×

The user enters how many miles they flew and the base points (an integer). Your program should calculate and display their **total points earned**. If they enter negative miles, display “**Invalid input.**”

2. Water bills are calculated as follows:

Usage (litres)	Rate
0–5000	\$0.005 per litre
5001–20 000	\$0.004 per litre
20 001+	\$0.003 per litre

Ask the user how many litres of water they used and compute their bill. If they enter a negative number, show “**Error.**” Display the total (exactly **2 decimals**).

3. A café sells drinks:

Drink	Price
Coffee	\$2.50
Tea	\$2.00
Latte	\$3.75

Tax is **13%**.

Ask the user which drink they want and how many.

- Calculate the total including tax to 2 decimals.
- If they enter a drink that doesn’t exist, output “**Error.**”