

■ Coding/GitHub Challenge – Week 4

Problem Title: ATM Cash Withdrawal Simulator

You are asked to simulate a simple **ATM machine**.

Rules:

1. The ATM only has ■2000, ■500, and ■100 notes.
2. A user enters the amount they want to withdraw.
3. The ATM should give the amount using the **minimum number of notes possible**.
4. If the amount is not divisible by 100, print "Invalid Amount".

Example:

Input:

3700

Output:

2000 x 1

500 x 3

100 x 2

Input:

1250

Output:

Invalid Amount

Task Requirements:

1. Take the withdrawal amount as input.
2. Use **conditional statements** to check validity.
3. Use **loops** (or repeated subtraction / division) to calculate the note count.
4. Print the breakdown of notes.

■ **Input Format:**

- A single integer → withdrawal amount.

■ **Output Format:**

- Note breakdown or "Invalid Amount".

■ **Sample Test Case:**

Input:

2800

Output:

2000 x 1

500 x 1

100 x 3