

Task 1 — Transaction Value Extractor (Regex Capture Challenge)

This Task extracts valid monetary transaction details from mixed text logs using only regular expressions.

It identifies transactions in the format:

TXN:<TYPE> | AMT:<AMOUNT> | ID:<ALPHANUMERIC>

The program filters valid entries, converts the amount values correctly (including commas and decimals), and automatically displays results in a clean table format.

Invalid or mismatched lines are shown separately under a “**Rejected Entries**” table for clarity.

It meets all given constraints:

- Pure regex-based parsing
- Handles messy spacing and large numeric formats
- Case-sensitive detection (TXN, AMT, ID only)
- Maintains correct order and accuracy
- Single-pass, efficient, and neatly formatted output