

Kimberly Clarisse P. Puno

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WD – 302

January 14, 2026

Kimberly Clarisse P. Puno - Pipes Demo

Parameters in Date Current Date is: Wednesday, January 14, 2026 Formatted Date: 1/14/2026 Hours and Minutes: 2:56 Current Date in Uppercase: WEDNESDAY, JANUARY 14, 2026 Kimberly Clarisse P. Puno	Chained Pipes Date with Uppercase: WEDNESDAY, JANUARY 14, 2026 Date with Lowercase: jan 14, 2026, 2:56:47 pm	Built-in Pipes AsyncPipe Seconds changing in Time: 2:57:21 PM
Currency Pipe Default currency format: \$20,000.00 Indian Rupees (INR): ₹20,000.00 US Dollars (USD): \$20,000.00 Philippine Peso (PHP): ₱20,000.00	Slice Pipe Start index: Grapes ,Mango ,Kiwi ,Pomegranate Start and end index: Orange ,Grapes ,Mango Negative index: Kiwi ,Pomegranate Negative start and end index: Grapes ,Mango	Decimal Pipe Default formatting: 8.759 Default formatting: 5.43 Apply formatting (3.1): 008.759 Apply formatting (2.1-4): 08.759
I18nPlural Pipe Message count: 5 new messages Set to 0 Set to 1 Set to 5	Json Pipe Raw object displayed as JSON: <pre>{"id": 101, "name": "Kimberly Clarisse P. Puno", "course": "BS Information Technology", "year": "3rd Year"}</pre>	Percent Pipe Completion rate: 75% Formatted with 2 decimals: 75.00%

- The **I18nPluralPipe** in Angular is used to handle pluralization rules in templates, allowing developers to display different messages depending on a numeric value, such as showing “No new messages,” “One new message,” or “5 new messages” based on the count.
- The **JsonPipe** is a simple but powerful tool that converts objects or arrays into a JSON string, making it especially useful for debugging or quickly inspecting the structure of data directly in the template.
- The **PercentPipe** formats numbers as percentage strings, automatically multiplying by 100 and appending the percent symbol, with options to control the number of decimal places for precision. Together, these pipes make Angular templates more dynamic, readable, and adaptable to different data presentation needs.

Reflection: This activity helped me understand how different Angular pipes work and how they can transform data directly in templates. I learned how to apply pipes like Date, Currency, Slice, Decimal, I18nPlural, Json, and Percent to display values in more meaningful ways. Organizing each example into styled cards also made the output clearer and visually engaging. Overall, the exercise improved both my technical knowledge and my ability to present information in a structured, user-friendly format.

Github link: <https://github.com/kmbrly-02/mid-project.git>