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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:

```
{
  "id": 101,
  "name": "Kimberly Clarisse P. Puno",
  "course": "BS Information Technology",
  "year": "3rd Year"
}
```

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>