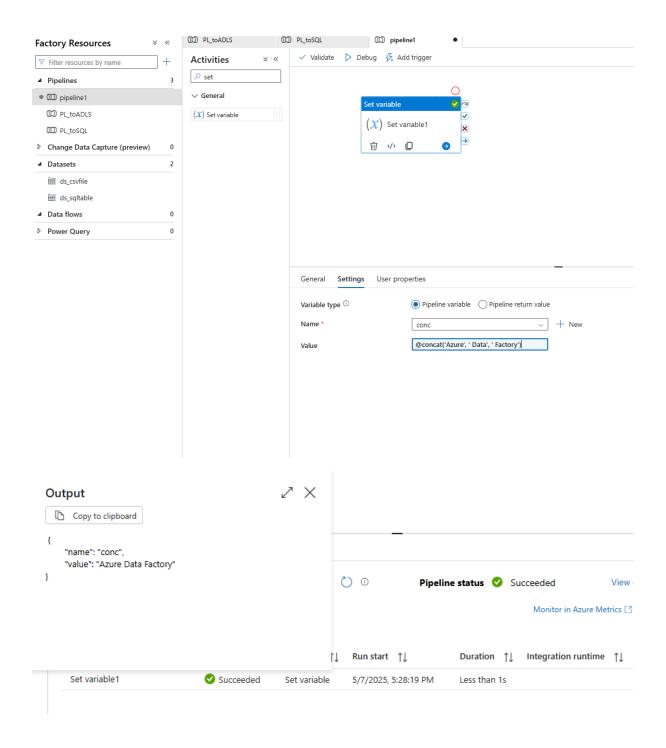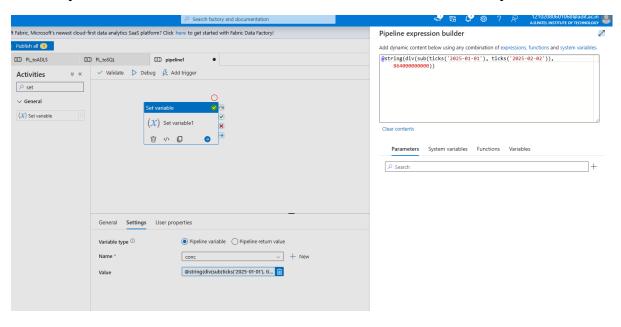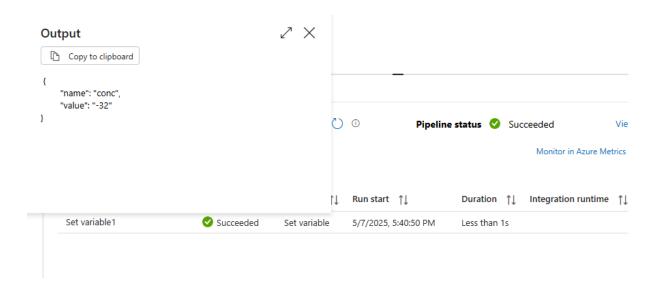# *Expressions and Functions Assignment*

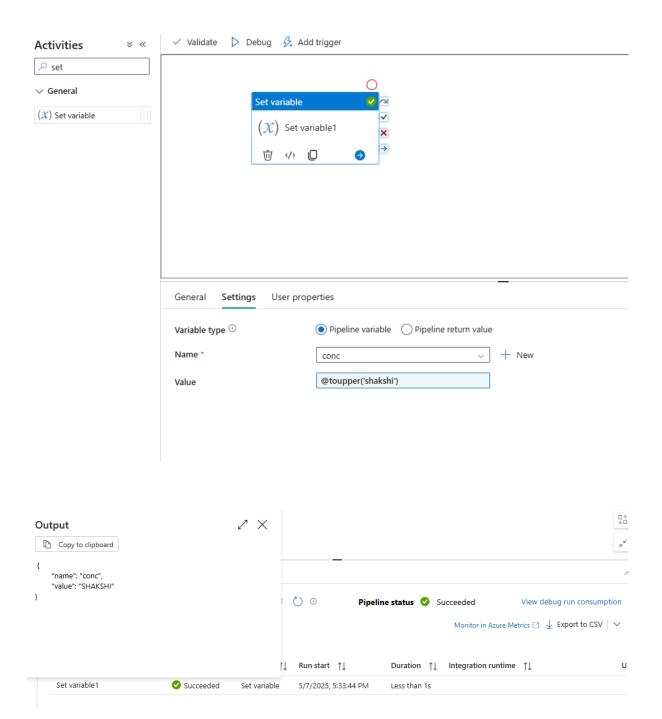1. Combine two strings variables into one using the concat() function.

2. Calculate the difference in days between two dates using datediff() function.

As datediff is not a valid fucntion in ADF, we do it using converting the dates to ticks, then calculating the difference between them and dividing by 864000000000 as these are total number of ticks in a day.

3. Convert to Uppercase Using String Functions.

**Activities**

set

∨ General

(𝑥) Set variable

---

✓ Validate   ▷ Debug   ⚡ Add trigger

**Set variable** ✓

(𝑥)   Set variable1

🗑   </>   📋   ➡

General   **Settings**   User properties

Variable type ⓘ          ⦿ Pipeline variable   ◯ Pipeline return value

Name *                    conc                              ∨   ＋ New

Value                     @toupper('shakshi')

---

**Output**   ⤢   ✕

📋 Copy to clipboard

```
{
    "name": "conc",
    "value": "SHAKSHI"
}
```

Pipeline status ✓ Succeeded          View debug run consumption

Monitor in Azure Metrics ↗   ⭳ Export to CSV   ∨

Run start ↑↓   Duration ↑↓   Integration runtime ↑↓   U

Set variable1   ✓ Succeeded   Set variable   5/7/2025, 5:33:44 PM   Less than 1s

4. You need to dynamically generate a file name that includes the current date and time.

   Expected file name: - Report-20241219-153000.csv