## ayehu

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# Extracting Column from Table

**IST - Support Team**
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**Applies To:** Ayehu NG

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## Description

In **Ayehu NG**, There exists a powerful and convenient activity for getting Row from the table**(GetRows)**. This activity fetches a particular row from the table. But we don't have the same activity for Column many times we need to fetch the only column which can be achieved by using two activity **RotateTable** and **GetRows**. This tutorial details the proper usage of this activity for getting the column.

## Solution

In this example, we will use **CreateMemoryTable** activity for creating a sample table.

Then, we rotate the table with **RotateTable** activity. Mention table variable "*%test_table%*" column number "*1*" from which we want to rotate the table.
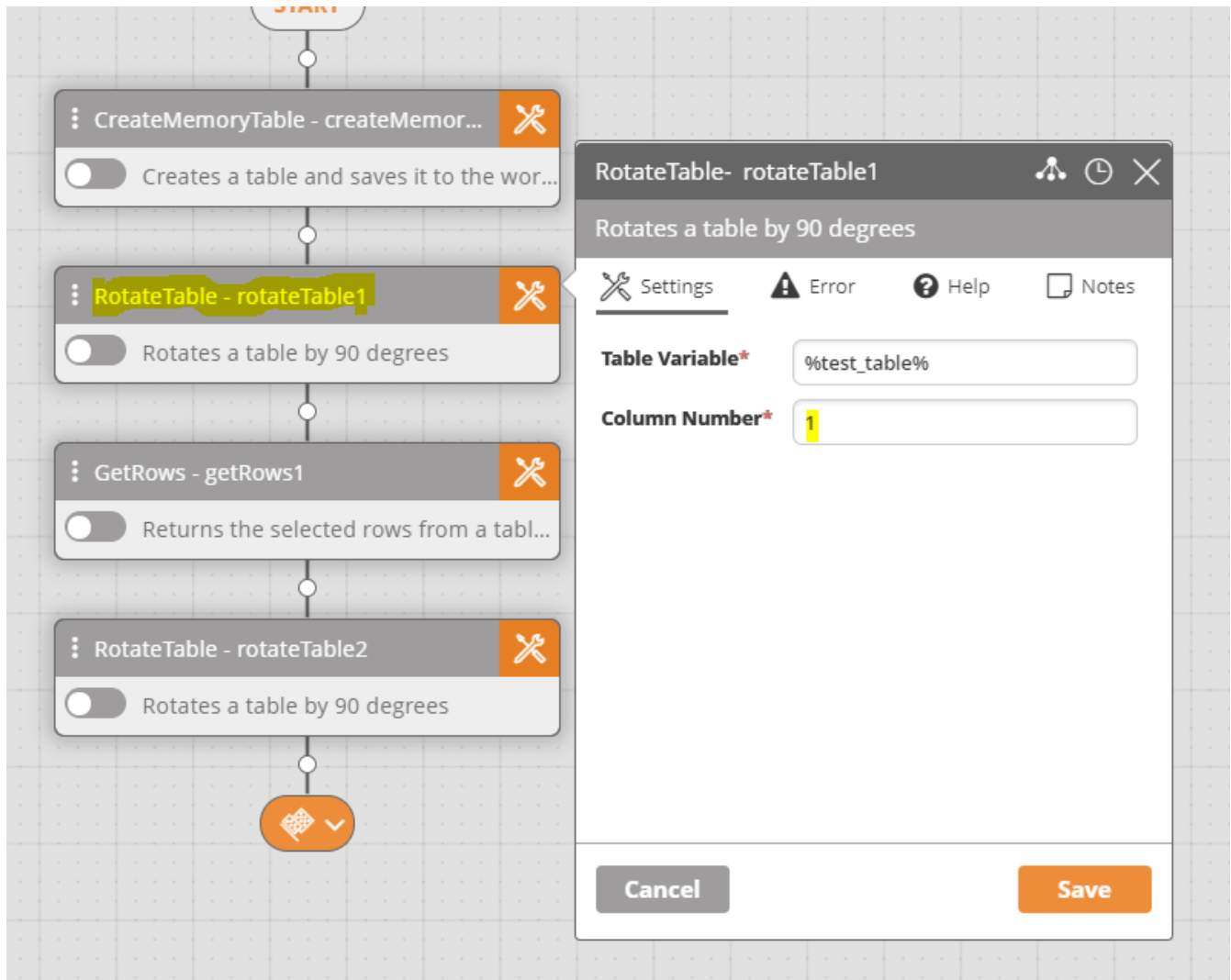
The output of **RotateTable1:**



Here, now rows become column and column become Rows.

So, we use **GetRows** activity to fetch a particular Row(which was column).

Pass the Table variable as the name of the **RoateTable** activity *"%rotatetable1%"* and the number of row *"1"* which we are fetching.

Here, we get the row as an output of the GetRows activity.

| Number | 1 | 2 | 3 |
|---|---|---|---|
| 1 | Shubham | Atul | Raj |

(Optional) - If we want output in column format then we again use **RotateTable** activity and pass the **GetRows** activity name "*%getRows%*".
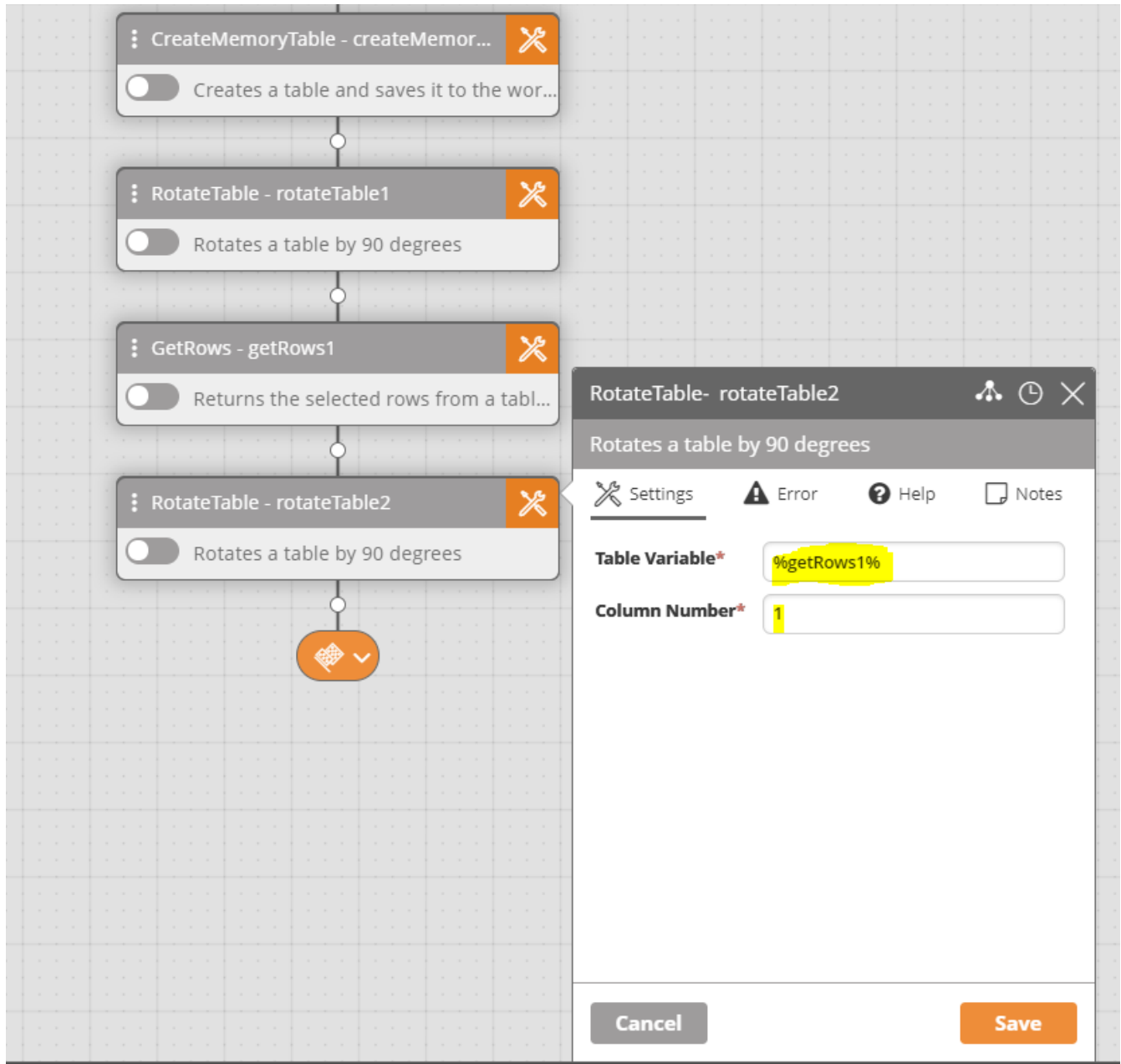
Here is the final result.
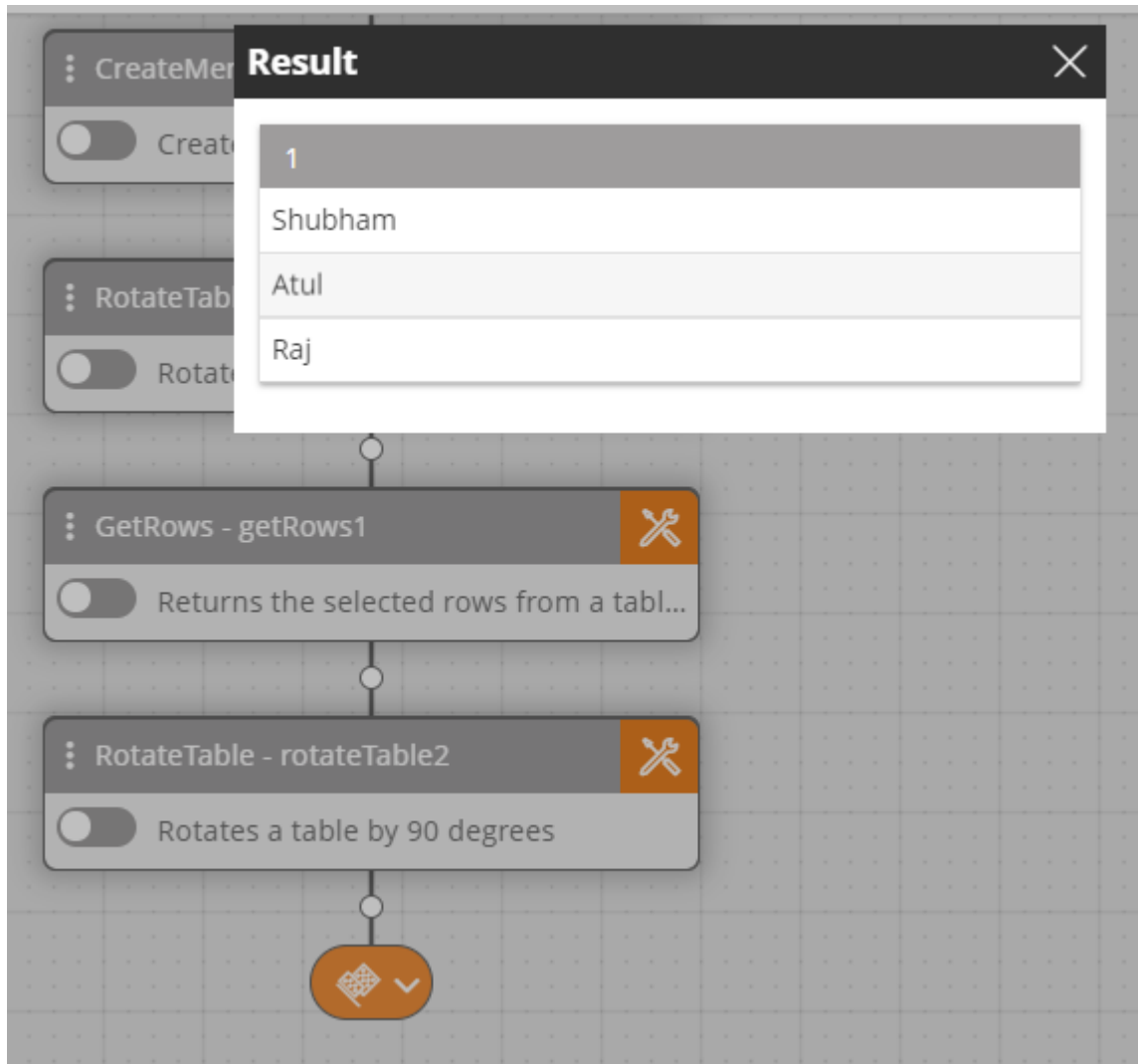
Also attached sample workflow of this tutorial.

📎 Get Column (Rotate Table).zip

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