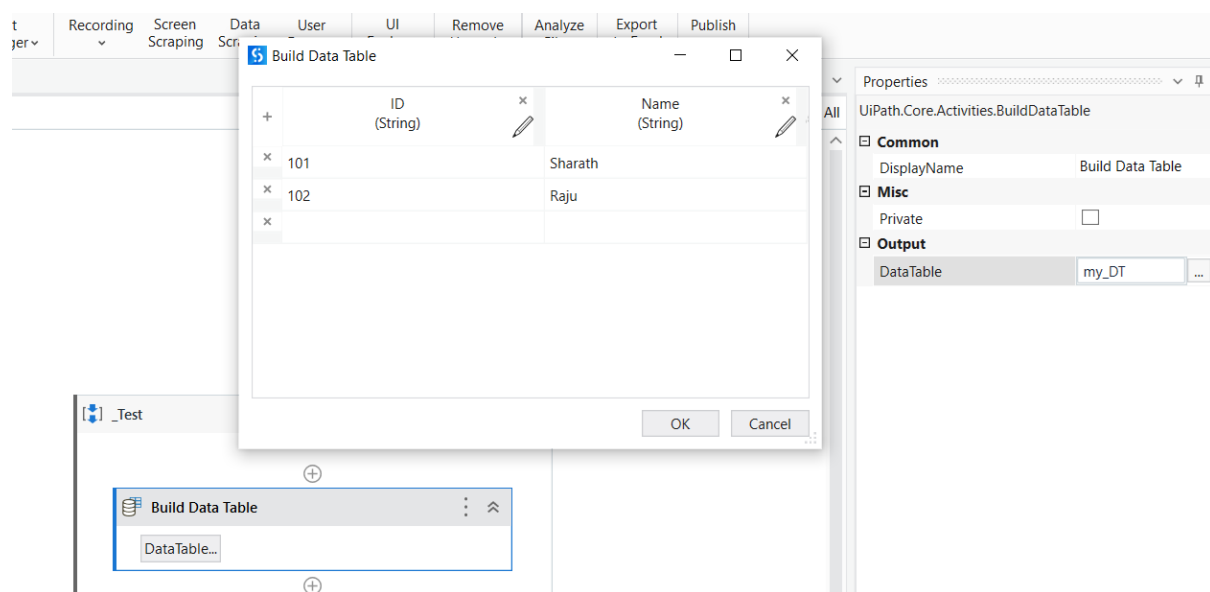# ✅Frequently Asked - Interview Questions

14. What is a DataTable? How can we get the number of rows and columns in a DataTable?
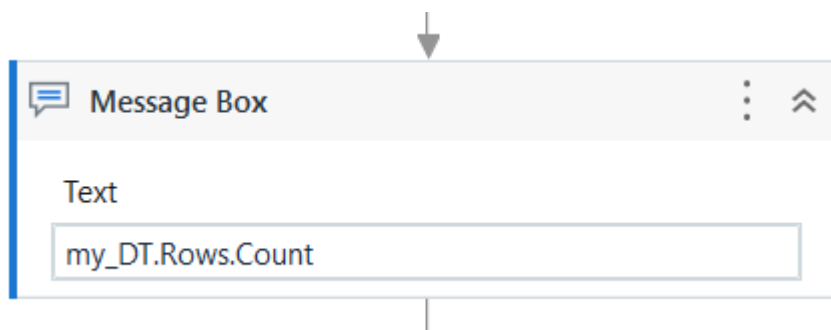
The DataTable in C# is similar to the Tables in SQL. That means the DataTable is also going to represent the relational data in tabular form i.e. rows and columns and this data is going to be stored in memory which can be used later for any manipulations.

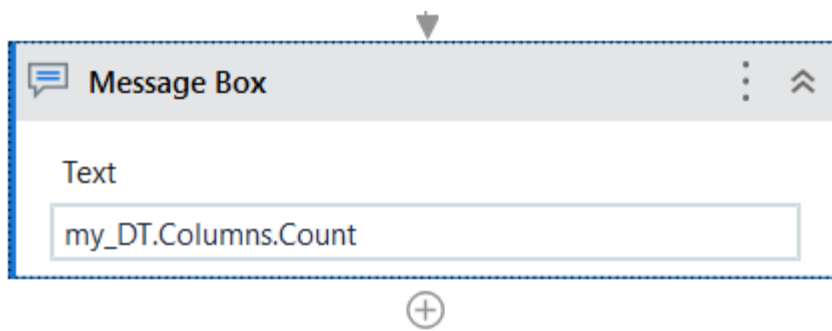Let's assume that my_DT is the DataTable variable :

To get the number of rows in a DataTable "my_DT", we can use the following code snippet :

my_DT.Rows.Count

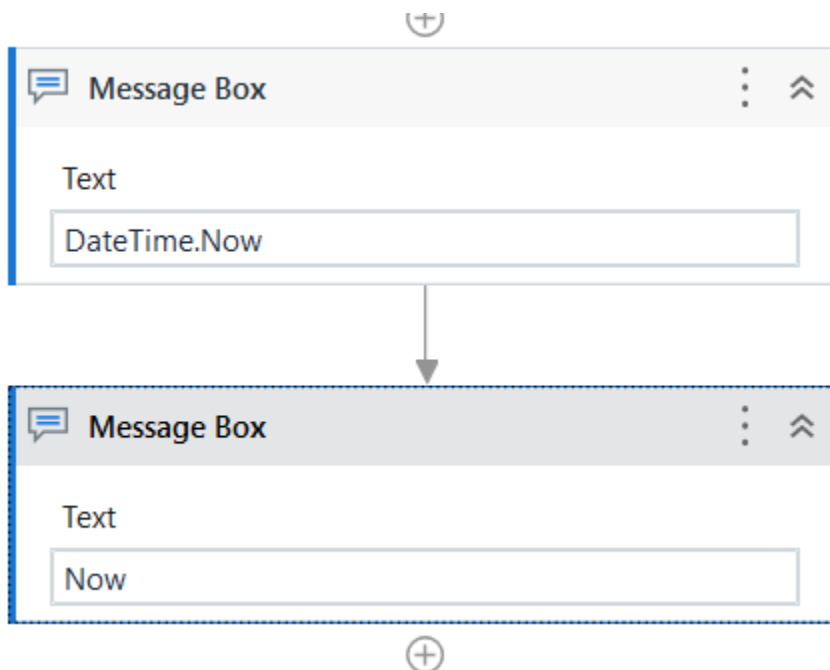To get the number of columns in a DataTable "my_DT", we can use the following code snippet :

my_DT.Columns.Count

15. How do you get the current date, add/subtract days from the current date, and add/subtract hours from the current date?

1. To fetch the Current Date, please use the below code snippet :

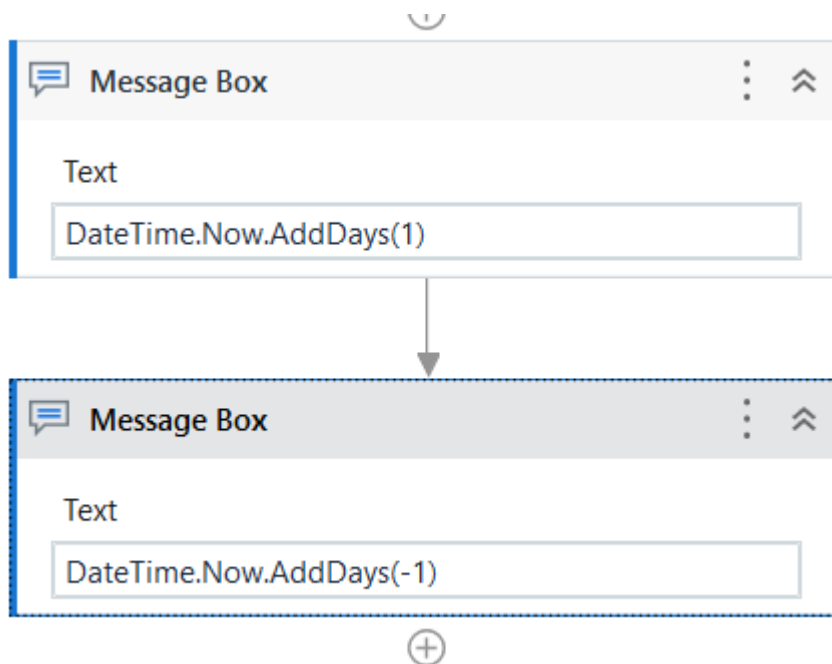DateTime.Now or simply we can use Now

Output:

Message Box ✕

12/06/2022 08:20:28

OK

2. To Add/ Subtract days from the current date, please use the below code snippet:

ADD :

Datetime.Now.AddDays(1).ToString

SUBTRACT:

Datetime.Now.AddDays(-1).ToString

💬 Message Box ⋮ ⌃

Text

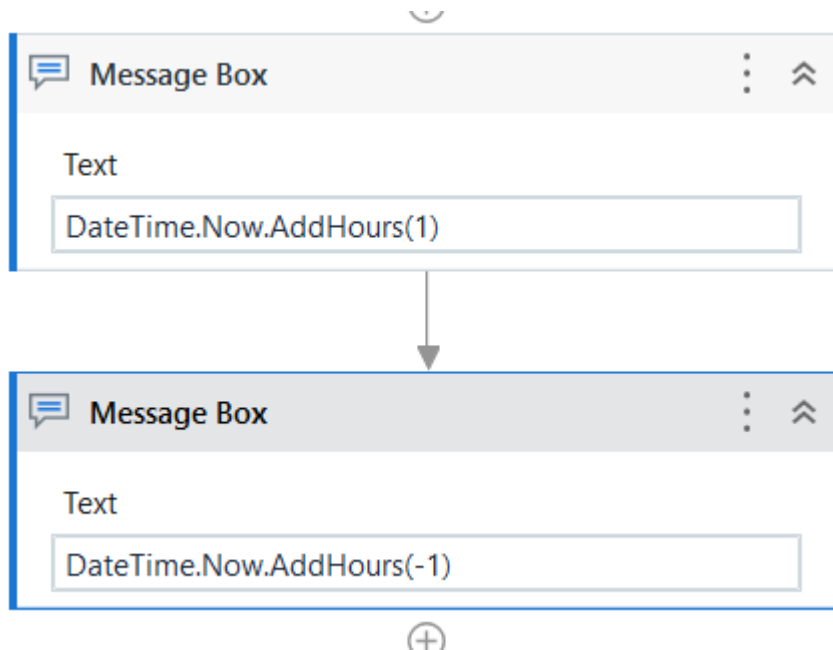DateTime.Now.AddDays(1)

💬 Message Box ⋮ ⌃

Text

DateTime.Now.AddDays(-1)

3. Add/ Subtract hours from the current date, please use the below code snippet:

ADD :

Datetime.Now.AddHours(1).ToString
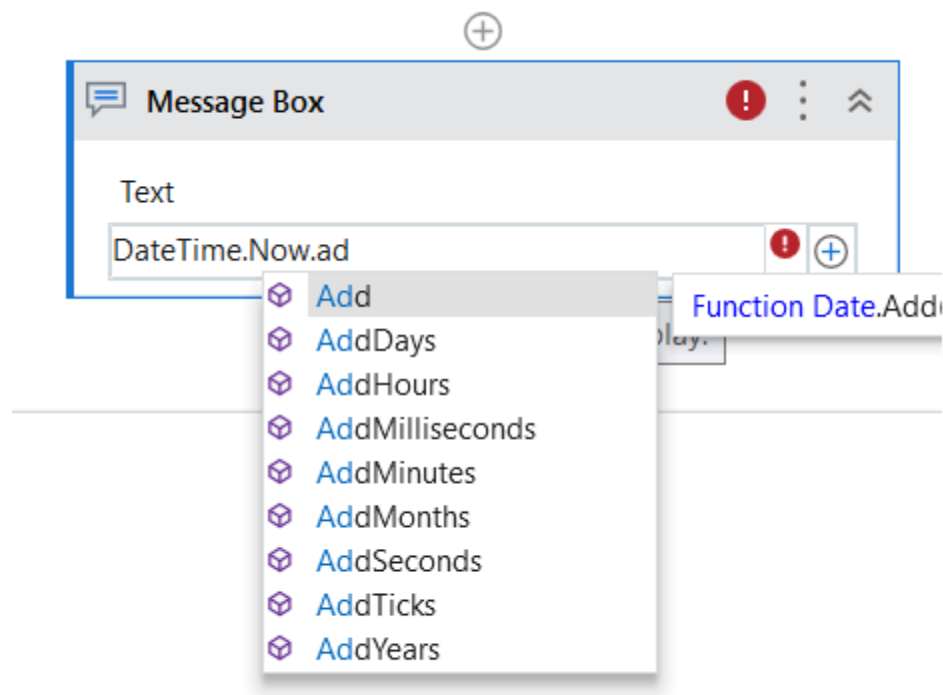
SUBTRACT:

Datetime.Now.AddHours(-1).ToString

Message Box

Text

DateTime.Now.AddHours(1)

Message Box

Text

DateTime.Now.AddHours(-1)

Similarly, it can be done for years and months.

Message Box

Text

DateTime.Now.ad

Add	Function Date.Add
AddDays	
AddHours	
AddMilliseconds	
AddMinutes	
AddMonths	
AddSeconds	
AddTicks	
AddYears	

16. How to get all the files from a given folder?

We can use the below code to get the list of files in a given folder…

Directory.GetFiles("ourFolderPath")

Example:
Directory.GetFiles("D:\Sharath\Desktop")

The above will give you an array of strings as output which, can contain all the file names which are available in that folder.

And if we want to display those on the screen, we can use the "For Each" activity and a message box along it.