This assignment is meant to get you familiar with variables, true/false statements, and expressions.

Problem Statement

Your task is to build a robot that suggests an outfit appropriate for today's weather.

Desired Result and Output

The robot should ask for a city name as input and, based on the input, generate a message to the user containing the following:

- The temperature in the given city
- The weather condition
- An outfit suggestion, including whether to bring an umbrella or not

How to Get Started

Create a new blank project in UiPath Studio and give it an appropriate name and description.

Approach

For this assignment, your goal is to create an automation that performs the following steps:

1. Ask for input (the input should be the city/area to check for weather and temperature).
   Hint: Use the Input Dialog activity and store the name in a variable.
2. Get weather data (from Google search).
   Hint: Use the Open Browser activity to navigate to Google search, the Type Into activity to write in the search bar, and the Get Text.
3. Analyze weather data (see suggestions for conditions after this).
   Hint: Use the If activity to set conditions and for assigning clothing suggestions to different variables.
4. Display Suggestion.
   Hint: Use a message box activity.

The following conditions may be used for temperature:

- *If the temperature is >= 15 degrees Celsius, you may wear t-shirt and shorts*
- *If the temperature is >= 5 degrees, but < 15 degrees, you should wear a light jacket or coat*
- *If the temperature is < 5 degrees, you should wear one of your insulated jackets*

For weather conditions, the robot should suggest bringing an umbrella if the Google forecast contains "rain", "shower", or "thunderstorm".

Key Automation Activities

For this assignment, you are likely to use the following activities in UiPath Studio:

- Input Dialog
- Open browser
- Type into
- Send Hotkey

- Assign
- Flowchart
- If
- Flow decision
- Message box

You will also need to know about the .NET framework and different expressions and operators. If you are not familiar with this, do not hesitate to have a look at the solution walkthrough for help.

Additional Tasks

If you desire an additional challenge already, you may attempt to augment the Clothing Consultant to help you pack for a trip ahead of time.

Tips and Tricks

Note that although we have categorized this as "Easy" automation, we do not expect anyone to be able to build this without guidance/looking at the solution walkthrough. Another reason for having this exercise as the first robot to build is that it contains a lot of elements that will be useful for building the next robots and to get you familiar with UiPath. The tip for this case is therefore to use the solution walkthrough as a reference when automating the process.

Evaluation

- **Desired result and output**: Your automation should successfully provide a clothing suggestion based on the weather forecast for the city you are in.
- **Process and workflow design**: The activities in UiPath Studio should be well structured and organized, in addition to activities having appropriate comments and annotations to improve readability.

The solution .XAML-file is available as a downloadable resource in the "Solution Walkthrough" lesson.