# EXPERIMENT - 1

**Aim :-** Familiarization and configuration of RPA tools for RPA package mastery & identify and analyze the interaction between the key components of an RPA architecture.

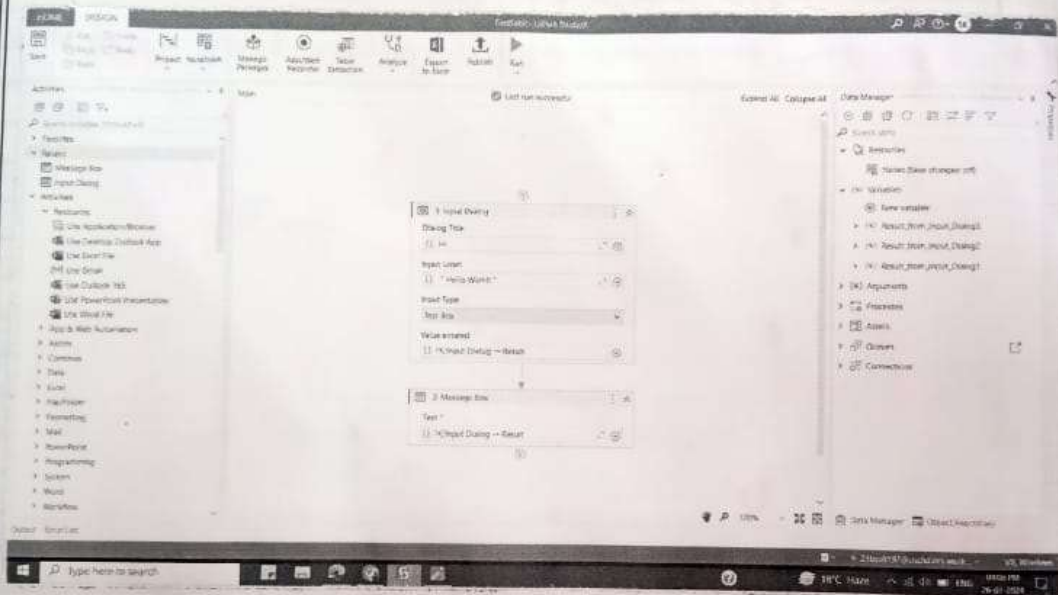**Software Required :-** UiPath, Blue Prism, Automation Anywhere.

**Relevance of the Experiment :-** The experiment focusing on the familiarization & configuration of an RPA tool for RPA package mastery is highly relevant in the context of preparing individuals for practical and effective utilization of Robotic Process Automation (RPA) technology. RPA tools are integral components in automating routine and rule-based business processes. By providing hands-on experience in configuring these tools, learners gain a deep understanding of the software's functionalities, user interface, and workflow capabilities.

**Description :-** In this Experiment, we will delve into the process of installing UiPath Studio, a robust Robotic Process Automation (RPA) tool that enables users to create automated workflows for various tasks. The installation involves downloading UiPath studio from the official website, signing up of logging into a UiPath account, selecting the desired edition (typically, the Community Edition for learning purposes), and following the on-screen instructions to complete the installation. Additionally, we will explore the activation of the licence during the installation process. Once UiPath studio is successfully installed, we will

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familiarize ourselves with essential shortcut keys that
enhance efficiency during workflow development. These
shortcuts include but are not limited to Ctrl+S for saving
projects, Ctrl+C and Ctrl+V for copying and pasting activities,
and F5 for running workflows.

Understanding and utilizing these keyword keyboard shortcuts
can significantly expedite the automation development process.
By the end of this experiment, you will have a compre-
-hensive understanding of the UiPath installation procedure
and be equipped with time-saving shortcut keys to
optimize your workflow development experience.

## Steps :-

### Installing UiPath Studio :-

1. Go to the official UiPath website at https://www.uipath.com/.

2. Navigate to the "Products" section and select "UiPath Studio" for download.

3. If you don't have a UiPath account, create one. If you already have an account, log in.

4. Select the desired edition (typically, choose "Community Edition" for learning purposes).

5. Follow the on-screen instructions to complete the installation process. This involves selecting installation options & choosing the installation directory.

6. During installation, you will be prompted to activate the license. Follow the prompts & enter your license information. For the Community Edition, this is usually a straightforward process.

7. Wait for the installation process to finish. Once complete, UiPath Studio, is ready to use.

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## Steps to print message :-

1. Launch UiPath Studio on your computer.
2. Click on "New Project" to create a new automation project.
3. Give your project a name, choose a location to save it, set the desired project type. Click on "Create" to proceed.
4. In the main workflow, add a new sequence by dragging the "Sequence" activity from the Activity panel onto the canvas.
5. Add an Assign Activity :- Inside the sequence, drag an "Assign" activity from the Activity panel into the sequence.
6. In the properties panel, find the "To" field of the Assign activity. Enter a variable or use 'message' as the variable name.
   In the "value" field, enter "Hello, World!"
7. Drag a "Write Line" activity from the Activities panel into the sequence.
8. In the Properties panel, find the "Text" field of the Write Line activity. Enter the variable or expression you used in the Assign activity.
9. Save your project by pressing Ctrl+S.
. Click on the "Run" button or press F5 to execute the workflow.
10. Check the output panel or console to see the "Hello World!" message printed.

## Learning Outcome :-

1. Gain proficiency in using & navigating the specific RPA tools interface.
2. Acquire knowledge of tool functionalities, features, and capabilities.
3. Understand how to configure settings & preferences within the RPA tool.
4. Learn to setup & manage connections, credentials & authentication mechanisms.

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