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Practical No.	Date	Title	Sign
1		<b>RPA Basics: Sequences and Flowcharts:</b> <ol style="list-style-type: none"> <li>Create a simple sequence-based project.</li> <li>Create a flowchart-based project.</li> <li>Automate UiPath Number Calculation (Subtraction, Multiplication, Division of numbers).</li> <li>Create an automation UiPath project using different types of variables (number, datetime, Boolean, generic, array, data table)</li> </ol>	
2		<b>Decision making and looping:</b> <ol style="list-style-type: none"> <li>Consider an array of names. We have to find out how many of them start with the letter "a". Create an automation where the number of names starting with "a" is counted and the result is displayed.</li> <li>Demonstrate switch statement with an example.</li> <li>Create an automation To Print numbers from 1 to 10 with break after the writeline activity inside for each activity</li> <li>Create an automation using Do..While Activity to print numbers from 5 to 1</li> <li>Create an automation using Delay Activity between two writeline activities to separate their execution by 5 seconds</li> <li>Create an automation to demonstrate use of decision statements (if)</li> </ol>	
3		<b>Types of Recording:</b> <ol style="list-style-type: none"> <li>Basic Recording using Toolbar</li> <li>Basic Recording using Notepad</li> <li>Desktop Recording using Tool bar</li> <li>Web Recording e.g. Find the rating of the movie from imdb web site</li> <li>Web Recording manually</li> </ol>	
4		<b>Excel Automation:</b> <ol style="list-style-type: none"> <li>Automate the process to extract data from an excel file into a data table and vice versa</li> <li>Create an automation to Write data to specific cell of an excel sheet.</li> <li>Create an automation to Read data to specific cell of an excel sheet.</li> <li>Create an automation to append data to specific cell of an excel sheet.</li> <li>Create an automation to sort a table of an excel sheet.</li> <li>Create an automation to filter a table of an excel sheet</li> </ol>	
5		<b>Different controls in UiPath:</b> <ol style="list-style-type: none"> <li>Implement the attach window activity.</li> <li>Automate using Anchor Base.</li> </ol>	

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		c. Automate using Element Exists.	
6		<b>Keyboard and Mouse Events:</b> <ol style="list-style-type: none"> <li>Demonstrate the following activities in UiPath: <ol style="list-style-type: none"> <li>Mouse (click, double click and hover)</li> <li>Type into</li> <li>Type Secure text</li> </ol> </li> <li>Demonstrate the following events in UiPath: <ol style="list-style-type: none"> <li>Element triggering event</li> <li>Image triggering event</li> <li>System Triggering Event</li> </ol> </li> </ol>	
7		<b>Screen Scraping and Web Scraping methods:</b> Automate the following screen scraping methods using UiPath: <ol style="list-style-type: none"> <li>Full Text</li> <li>Native</li> <li>OCR</li> </ol>	
8		<b>PDF Automation and Exception Handling</b> <ol style="list-style-type: none"> <li>Read PDF With OCR</li> <li>Merge PDF's into one</li> <li>Get PDF Total Page count Using Regex</li> <li>Extract data from a PDF or Excel file and populate it into a database or spreadsheet.</li> <li>Extract data from a PDF or Excel file and populate it into a database or spreadsheet. Implement data manipulation techniques like filtering, sorting, or data validation.</li> </ol>	
9		<b>Email Automation</b> <ol style="list-style-type: none"> <li>Configure Email using UiPath</li> <li>Read Emails</li> <li>Send Email with Attachment</li> <li>Save Email Attachments</li> <li>Reply to Email</li> </ol>	
10		<b>Orchestrator management and mini project</b> <ol style="list-style-type: none"> <li>Deploy bots to Orchestrator</li> <li>Run jobs from Orchestrator</li> </ol>	