

Assignment-1

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Program: BTI-Computer Date of Submission:4th April 2025

Semester: XII Branch: BTI-Computer-Div-B

Course Name: RPA Total Marks: 20

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| **Q. No.** | **Questions** | **CO** | **Marks** |
| 1. | Create a canvas app that shows the navigation functionality with personalization. | **2, 3** | **4** |
| 2. | Create a canvas app demonstrates the CRUD operation through SharePoint list. | **2, 3** | **4** |
| 3. | Create a PAD (Power Automate Desktop) flow demonstrates scrapping. | **2, 3** | **4** |
| 4. | Create a PAD flow to demonstrate Brower Desktop Automation. | **2, 3** | **4** |
| 5. | Create a PAD flow that demonstrates Excel automation. | **2, 3** | **4** |

**Answers**

1. Create a canvas app that shows navigation functionality with personalization.

Welcome Page:

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Navigated Page:

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Logic on Button:

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1. Create a Canvas app that demonstrates CRUD operations through a SharePoint list.

**Home Screen:**

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**Form Screen:**

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**Create:**

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**Read (View):**

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**Update (Edit):**

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**Delete:**

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**List: https://svkmmumbai-my.sharepoint.com/personal/drumil\_kotecha\_nmims\_in/Lists/Library%20Management/AllItems.aspx?env=WebViewList**

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AI-generated content may be incorrect.**

1. Create a PAD (Power Automate Desktop) flow that demonstrates scrapping.

Code:



Screenshots:

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1. Create a PAD flow to demonstrate Brower Desktop Automation.

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AI-generated content may be incorrect.

A screenshot of a chat

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Output:

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1. Create a PAD flow that demonstrates Excel automation.

Code:

Excel.LaunchExcel.LaunchAndOpenUnderExistingProcess Path: $'''C:\\Users\\Varun\\Desktop\\SEM XII\\RPA\\HR\_data.xlsx''' Visible: True ReadOnly: False Instance=> ExcelInstance

Excel.ReadFromExcel.ReadAllCells Instance: ExcelInstance ReadAsText: False FirstLineIsHeader: False RangeValue=> ExcelData

SET NewVar TO 1

LOOP FOREACH CurrentItem IN ExcelData

IF NewVar <> 1 THEN

CALL 'Web Automation'

Excel.WriteToExcel.WriteCell Instance: ExcelInstance Value: OutputData[0][0] Column: 13 Row: NewVar

@@copilotNextBestAction: 'True'

Excel.WriteToExcel.WriteCell Instance: ExcelInstance Value: OutputData[1][0] Column: 14 Row: NewVar

END

Variables.IncreaseVariable Value: NewVar IncrementValue: 1

END

Excel.CloseExcel.CloseAndSave Instance: ExcelInstance

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Output:

A screenshot of a computer

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