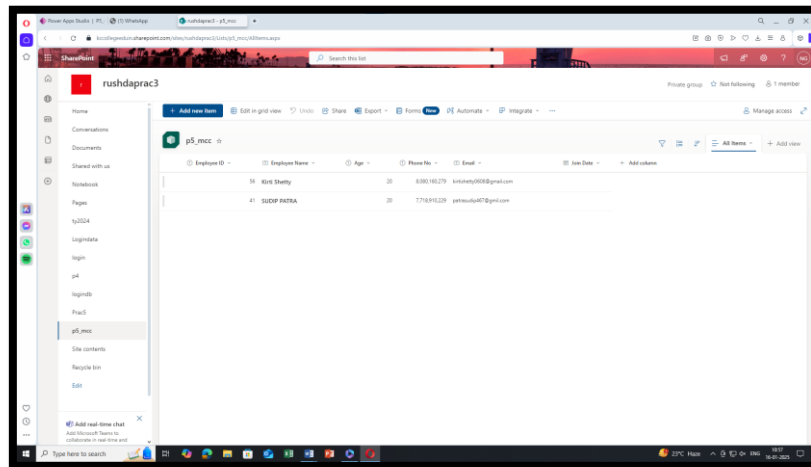


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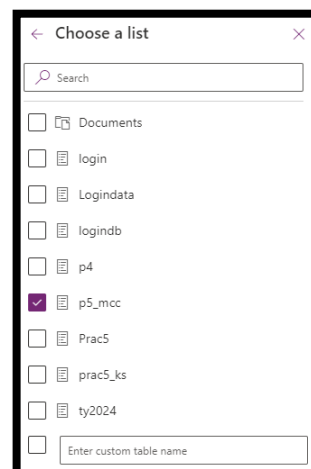
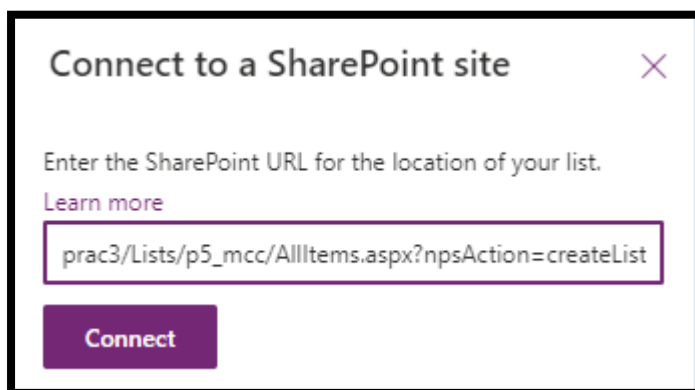
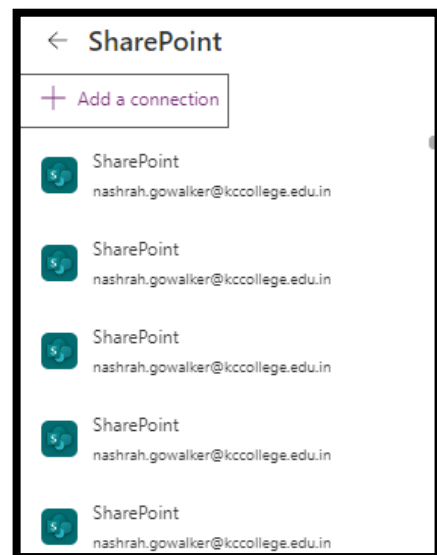
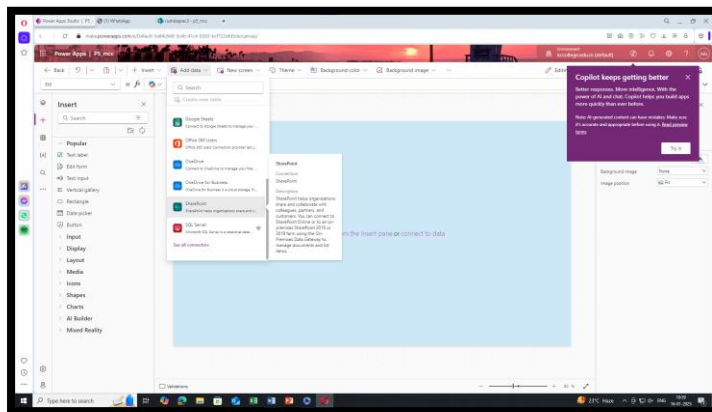
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## Practical 5

**Step 1:** Go to Microsoft365 and search SharePoint then click on create site and make a list by giving name and the fields required in the table.



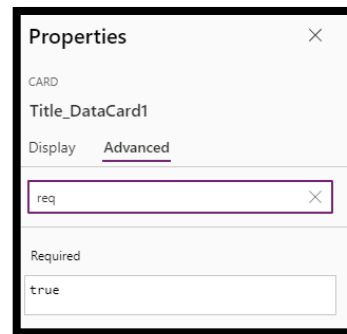
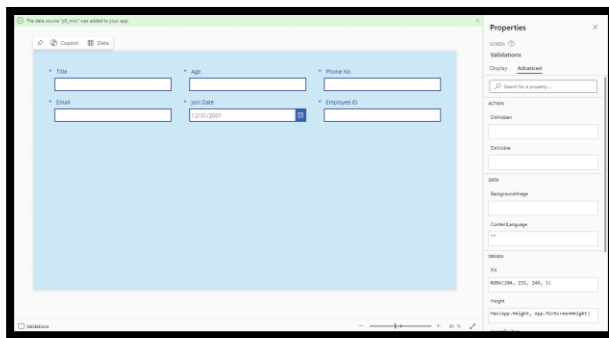
**Step 2:** Open Power Apps and insert an edit form and then connect the data as shown below.



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**Step 3:** The screen will look like this now add validation i.e. set the required as true.

A screenshot of a data card form. It contains six input fields arranged in two rows. The first row has 'Title', 'Age', and 'Phone No'. The second row has 'Email', 'Join Date' (with a date picker showing 12/31/2001), and 'Employee ID'. The form is set against a light blue background.

**Step 4:** Insert an icon named Check and add the following formula in the formula bar for each Data card.

**Name/Title**

**Icon property:** `If(!IsBlank(DataCardValue2.Text),Icon.Check, Icon.Cancel)`

**Color property:** `If(Self.Icon=Icon.Check, Color.Green, Color.Red)`

**Tooltip property:** `If(!IsBlank(DataCardValue1.Text), "", "The field cannot be empty")`

**Age**

**Icon property:** `If(Value(DataCardValue3.Text)>=21,Icon.Check, Icon.Cancel)`

**Color property:** `If(Self.Icon=Icon.Check, Color.Green, Color.Red)`

**Tooltip property:** `If(Value(DataCardValue3.Text)>=21,"", "Age must be >=21")`

**Email**

**Icon property:** `If(IsMatch(DataCardValue4.Text, Match.Email),Icon.Check, Icon.Cancel)`

**Color property:** `If(Self.Icon=Icon.Check, Color.Green, Color.Red)`

**Tooltip property:** `If(IsMatch(DataCardValue4.Text, Match.Email), "", "The email should be in the format abc@gmail.com")`

**Phone No**

**Icon property:** `If(IsMatch(DataCardValue5.Text, Match.Digit & Match.Digit & Match.Digit & Match.Digit & Match.Digit & Match.Digit & Match.Digit & Match.Digit & Match.Digit), Icon.Check, Icon.Cancel)`

**Color property:** `If(Self.Icon=Icon.Check, Color.Green, Color.Red)`

**Tooltip property:** `If(IsMatch(DataCardValue5.Text, Match.Digit & Match.Digit & Match.Digit & Match.Digit & Match.Digit & Match.Digit & Match.Digit & Match.Digit & Match.Digit), "", "The mobile no. must be 10 digits")`

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## Password

**Icon property:** If(IsMatch(DataCardValue6.Text, "`^(?=^[^\\d_].*?\\d)\\w(\\w|\\[!@#%$%])\\{7,20\\}$`"), Icon.Check, Icon.Lock)  
**Color property:** If(Self.Icon=Icon.Check, Color.Green, Color.Red)  
**Tooltip property:** If(Value(DataCardValue3.Text)>=21, "", "Age must be >=21")

## Join Date

**Icon property:** If(Weekday(DataCardValue7.SelectedDate, StartOfWeek.Monday) <= 5 And DataCardValue7.SelectedDate > Today(), Icon.Check, Icon.Cancel)  
**Color property:** If(Self.Icon=Icon.Check, Color.Green, Color.Red)  
**Tooltip property:** If(Weekday(DataCardValue7.SelectedDate, StartOfWeek.Monday) > 5, "Choose a day from Monday to Friday", DataCardValue7.SelectedDate <= Today(), "Must choose a date in the future", "No date was selected")

The screenshot shows a form with the following fields: Title, Age, Phone No, Email, Join Date, and Employee ID. The form is highlighted with a blue border. A Properties panel on the right shows settings for the selected field, including Data source, Fields, Step to columns, Columns, Layout, Default mode, Visible, Position, Size, Color, Border, and Accept focus.

The screenshot shows the final state of the form with all fields filled and validated. Each field has a green checkmark indicating successful validation.

* Title	* Employee Name	* Age
3	xyz	21
* Employee ID	* Join Date	* Email
E003	1/30/2025	abc@123.abc
* Mobile Number	* Password	
7834568921	password12	