**EXPERIMENT - 01**

**Aim:**

The aim of this experiment is to guide you through the process of designing a simple mobile app login screen using Figma. This includes creating a frame, designing the UI elements, adding interactivity (prototyping), and sharing/exporting the design.

**Procedure:**

1. **Sign Up and Create a New Project**:
   * Go to figma and create an account if you don't have one.
   * Log in and click on "New File" to start a blank project.
2. **Create the Frame (Artboard)**:
   * Select the **Frame Tool** (shortcut: F).
   * A frame will appear on the canvas, representing your mobile app screen.
3. **Design the Login Screen**:
   * **Add Background Color**:
     + Select the frame and in the right panel, under **Fill**, choose a color (e.g., light blue #E3F2FD).
   * **Insert a Logo**:
     + Use the **Rectangle Tool** (R) to draw a placeholder for a logo.
     + Add text using the **Text Tool** (T) to write your app name (e.g., "MyApp").
     + Adjust the font size and color in the right panel.
   * **Add Input Fields** (Username & Password):
     + Draw two rectangles below the logo for the username and password input fields.
     + Inside each, add placeholder text (e.g., "Enter your email").
     + Apply rounded corners in the **Corner Radius** section of the right panel.
   * **Add a Login Button**:
     + Use the **Rectangle Tool** (R) to create a button and set its color to blue .
     + Use the **Text Tool** (T) to add the text "Login" inside the button.
     + Group the button and text by selecting both and pressing **Ctrl + G** (Windows) or **Cmd + G** (Mac).
4. **Align Elements**:
   * Use the **Auto Layout** feature (Shift + A) to ensure even spacing between elements.
   * Use the **Alignment Tools** in the top menu to center everything vertically and horizontally.
5. **Prototyping**:
   * Click on the **Prototype** tab in the right panel.
   * Select the **Login button** and drag the blue dot to a new frame (e.g., a home screen).
   * Choose an animation effect (e.g., **Smart Animate**).
6. **Preview the Design**:
   * Click the **Play** button in the top-right corner to preview the app prototype.
   * Try clicking the login button to see the transition to the next screen.
7. **Share Your Design**:
   * Click the **Share** button in the top-right corner.
   * You can invite team members via email or generate a shareable link and adjust permissions (View, Edit, or Comment only).
8. **Export Assets**:
   * Select the elements you want to export (e.g., the logo or button).
   * In the right-hand panel, click **Export** and choose a format (PNG, JPG, SVG).
   * Click **Export** to download the assets for developers.

### Design:

### Result:

Thus, the mobile app login screen was successfully designed in Figma, featuring interactive elements such as a login button and input fields. The design is shareable, and assets were exported for development purposes.