

GIMP Activity-6

Working with Layers

Objective:

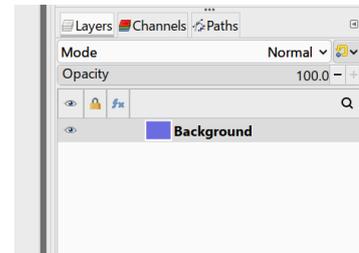
To understand how to create, manage, and manipulate layers in GIMP for image editing and composition.

Step 1: Open the GIMP Software

1. Launch **GIMP** on your computer.
2. Click **File** → **New**.
3. Set the image size (e.g., Width: 800 px, Height: 600 px).
4. Click **OK** to create a new blank canvas.

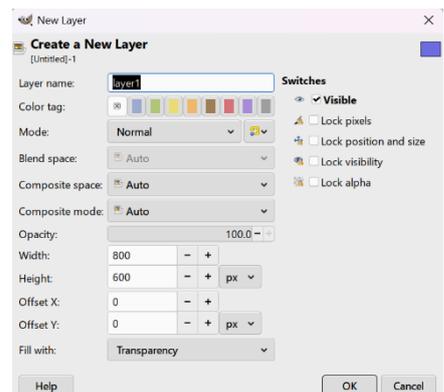
Step 2: Open the Layers Panel

1. Go to **Windows** → **Dockable Dialogs** → **Layers**.
2. The **Layers panel** will appear on the right side.
3. You will see a default layer called **Background**.



Step 3: Create a New Layer

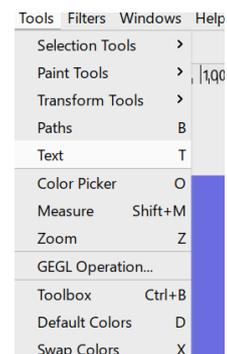
1. Click the **Create a New Layer** icon at the bottom of the Layers panel or under layer menu click **New Layer**.
2. In the dialog box:
 - Name the layer (e.g., *Layer 1*).
 - Select **Transparency** as the Fill Type.
3. Click **OK**.



A new transparent layer will appear above the background layer.

Step 4: Add Content to the Layer

1. Select the **Text Tool** from the toolbox or under Tools menu click on Text.
2. Click anywhere on the canvas.
3. Type some text (e.g., *GIMP Layers Activity*).



GIMP automatically creates a **new text layer**.

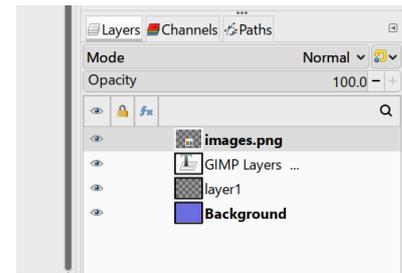
Step 5: Insert an Image as a New Layer

1. Click **File** → **Open as Layers**.
2. Select an image from your computer.
3. Click **Open**.

The image will appear as a **separate layer** in the Layers panel.

Step 6: Arrange Layers

1. In the **Layers panel**, click and drag layers up or down.
2. The layer on the **top is visible above others**.
3. Observe how changing the order affects the final image.



Step 7: Change Layer Opacity

1. Select a layer in the Layers panel.
2. Use the **Opacity slider** at the top.
3. Reduce opacity to **50%**.

You will notice the lower layers become visible.

Step 8: Hide and Show Layers

1. Click the **Eye icon** next to a layer.
2. The layer becomes **invisible**.
3. Click the eye icon again to **show it again**.

Step 9: Apply Layer Blending Mode

1. Select a layer.
2. Change the **Mode** (e.g., Multiply, Overlay, Screen).
3. Observe how the layer blends with layers below it.

Step 10: Merge Layers

1. Right-click a layer in the Layers panel.
2. Select **Merge Down** to combine it with the layer below.
3. Repeat if needed.

Step 11: Save the Project

1. Click **File** → **Save As**.
2. Save the file as **.XCF** to keep all layers.
3. To export the final image:
 - Click **File** → **Export As**
 - Choose **JPEG** or **PNG**.