COURSE NAME: O level   **SUBJECT: WEB DESIGNING AND PUBLISHING**

TOPIC: PHOTO EDITOR   **DATE: 24/06/2020**
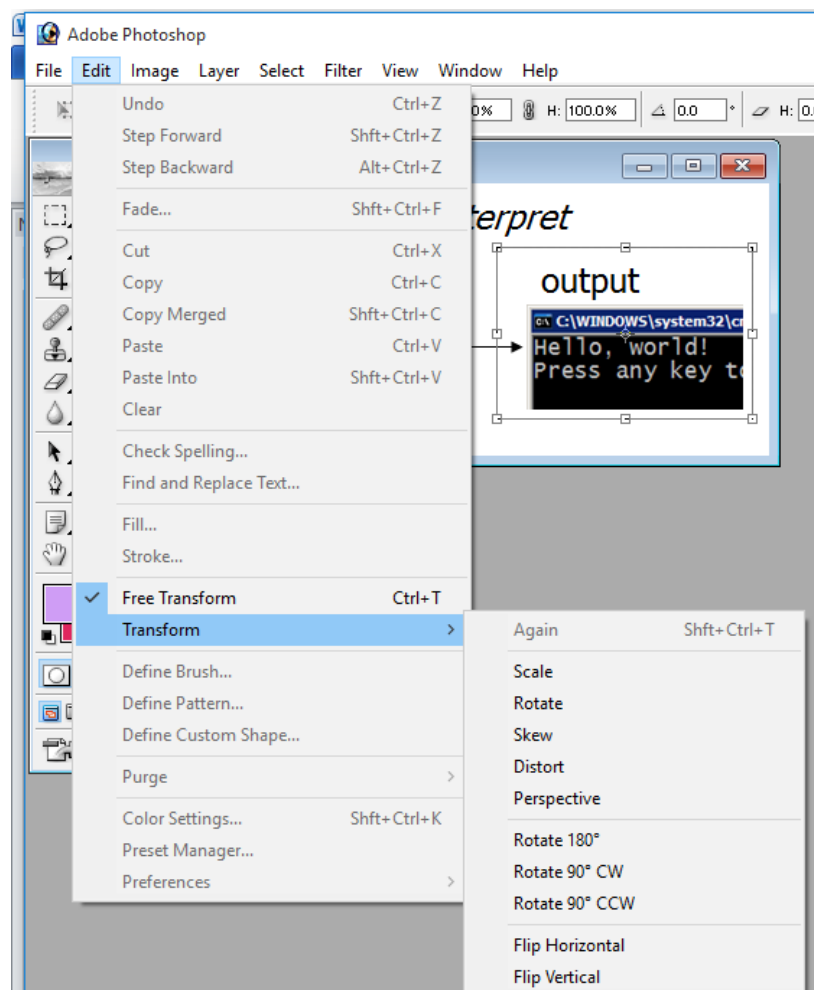

Transform tools

Free transform option is a unique and versatile tool in Photoshop and very much used for photo manipulations. Only one tool can do several things to your images and cut outs. Free Transform can be used to scale, rotate, flip, skew and distort images
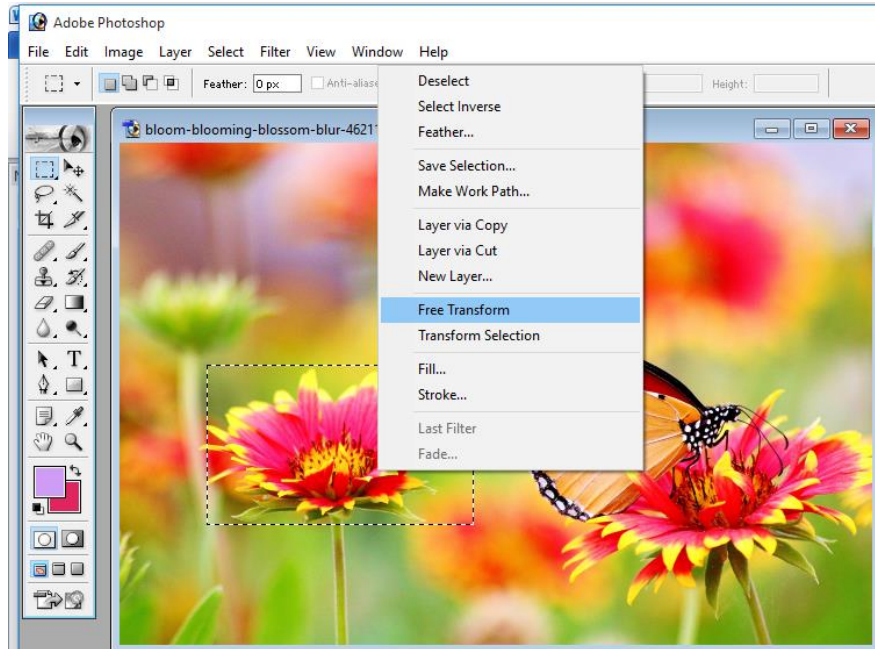
Applying the transform

➢ Select the image area or portion or object, you wish to transform.

➢ Free Transform options can be opted & activated from **Free Transform** under **Edit** Menu.
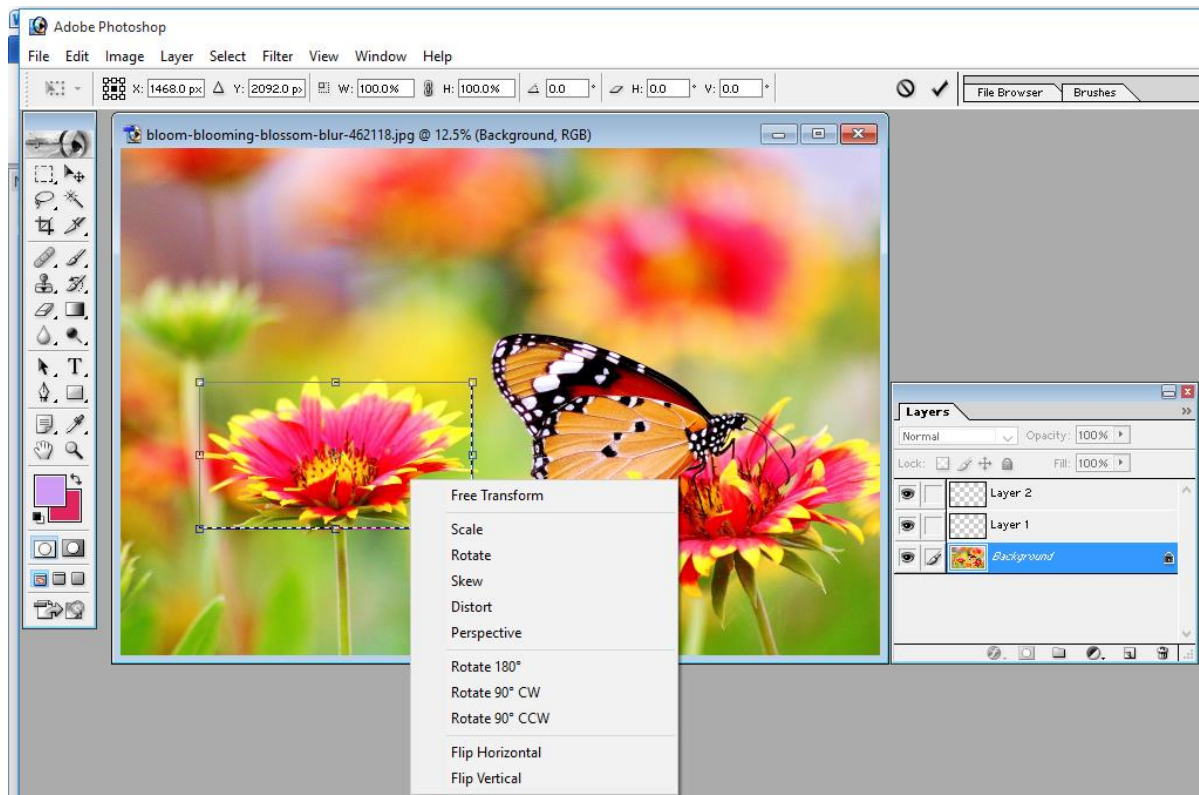

Or You can also select Free Transform with the keyboard shortcut, **Ctrl+T**

- To activate transform on the selected object / area, right click and choose the Free Transform.
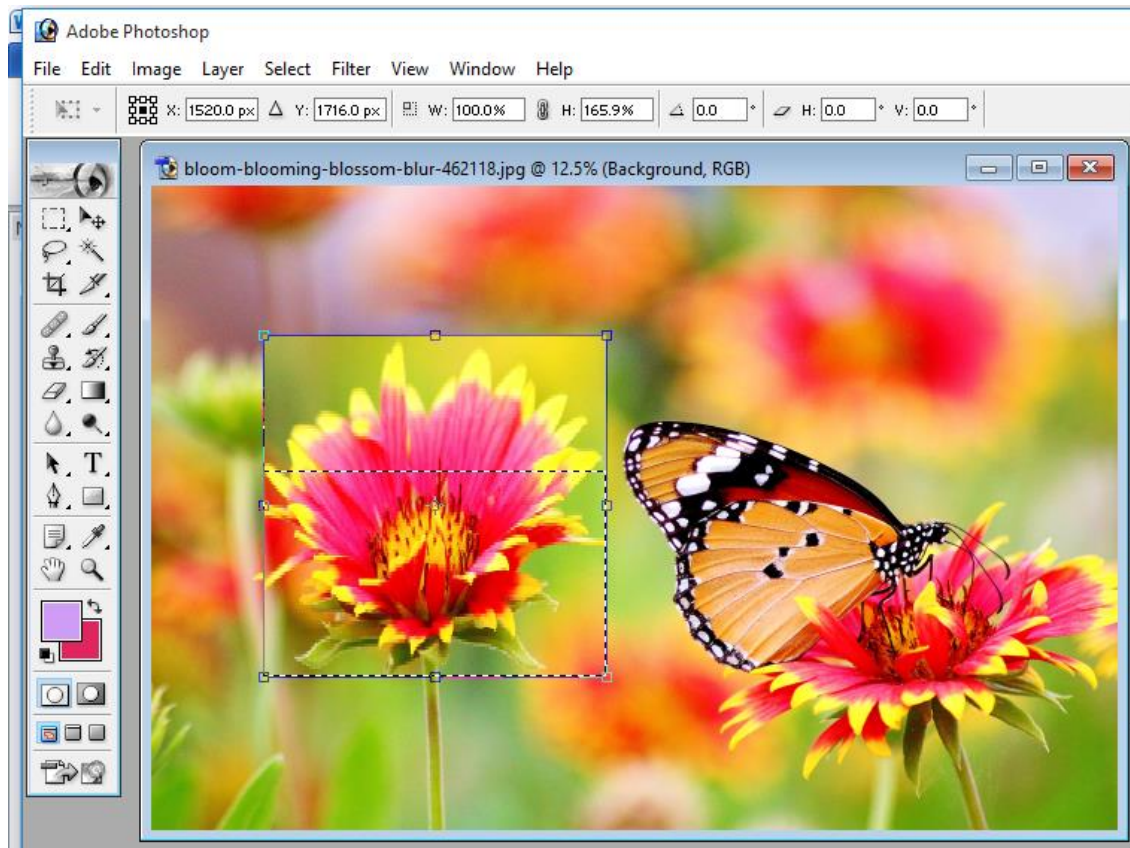

- Free transform works on layers, individually. To activate free transform, select the layer from the layer panel and press **Ctrl+T** on the keyboard. A border will be appeared on your layer. Right click on the image and you will see several options there.
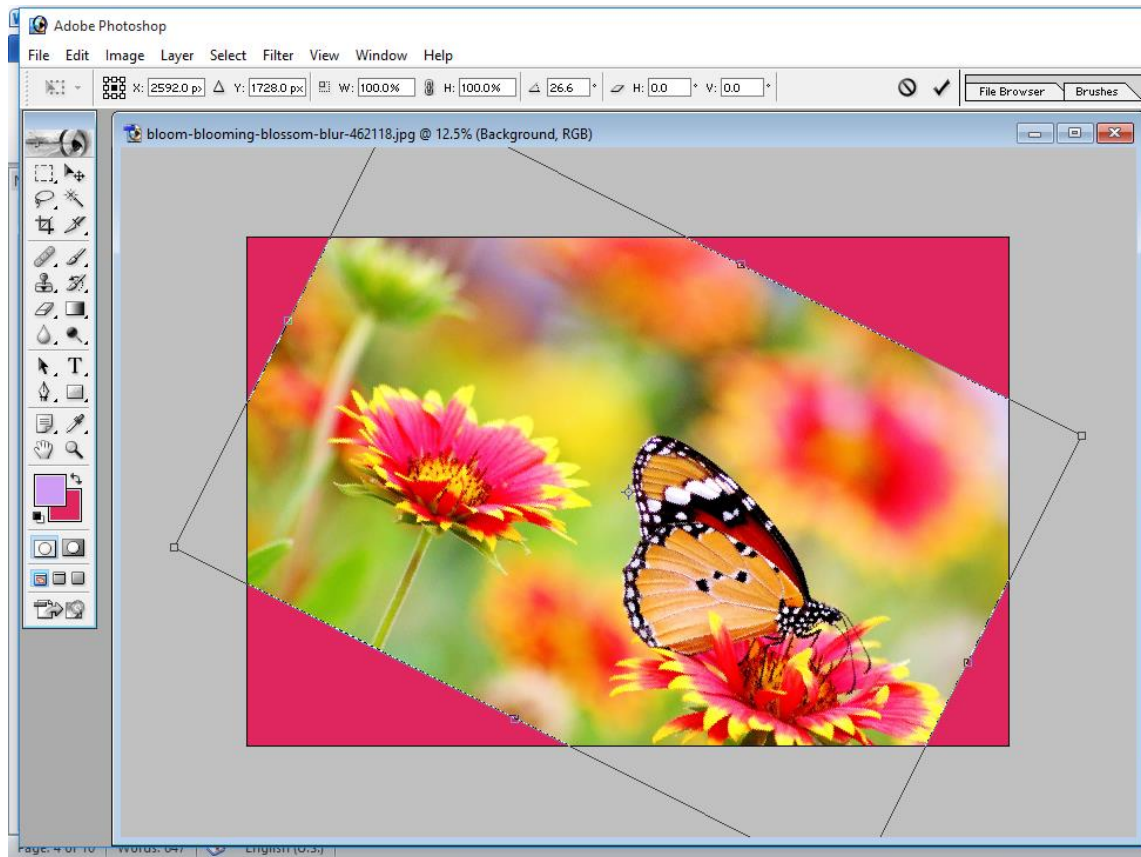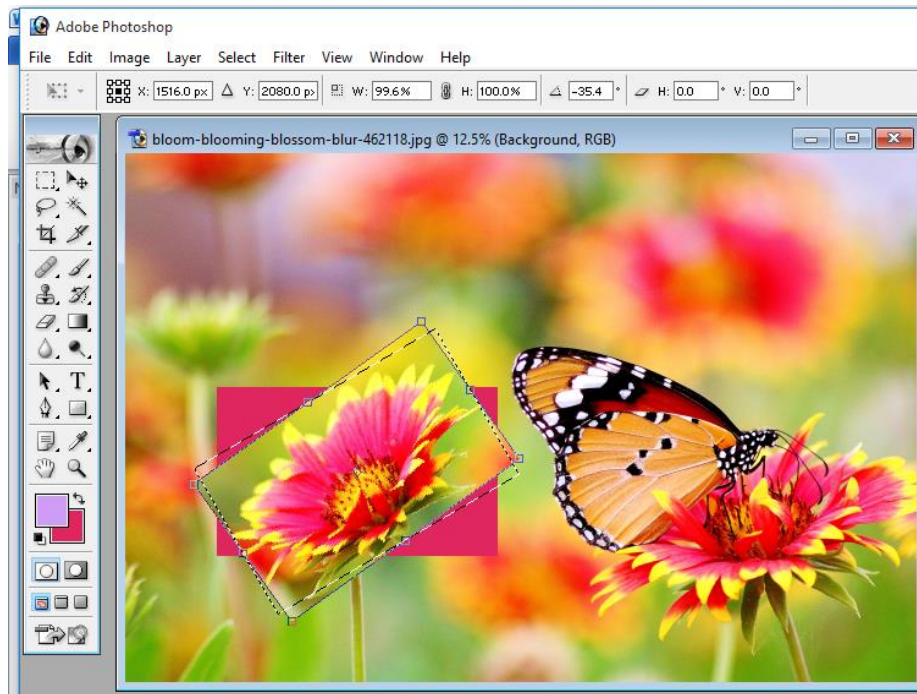
Types of Transform

From the sub menu, you can see that there is various options available for the selected object when transform is activated.

- ➤ **Scale**: This is activated by default. Click and drag the tiny squares around to alter the dimensions of the layer according to your wish irrespective of preserving the aspect ratio (height to width ratio). If you want to increase or decrease the dimensions of the layer without disrupting the aspect ratio, then Press the Ctrl key on your keyboard and then click and drag the tiny squares. This will change the dimensions but will preserve the aspect ratio.
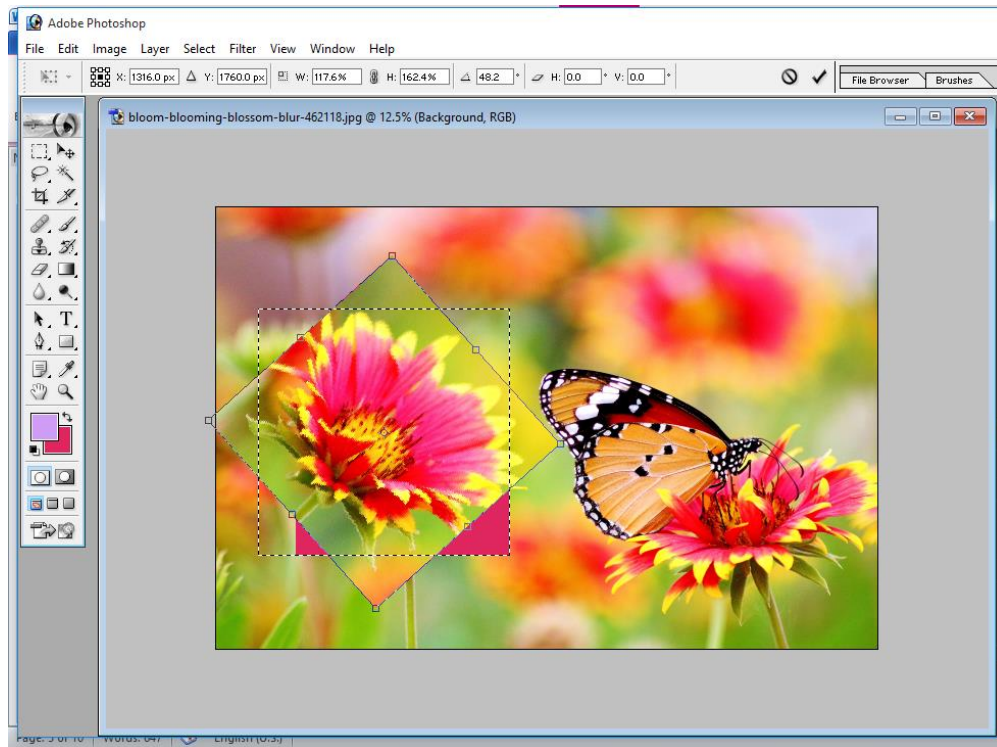

- ➤ **Rotate:** If you chose **Rotate**, move the pointer outside the bounding border (it becomes a curved, two-sided arrow), and then drag. Press Shift to constrain the rotation to 15° increments. Rotate is activated by default along with scale when you activate free transform. While scaling, click and drag anywhere outside the frame to rotate the image.

Click and drag the corners of the frame to rotate the image. This will help you rotate only that particular layer without disturbing the other layers.
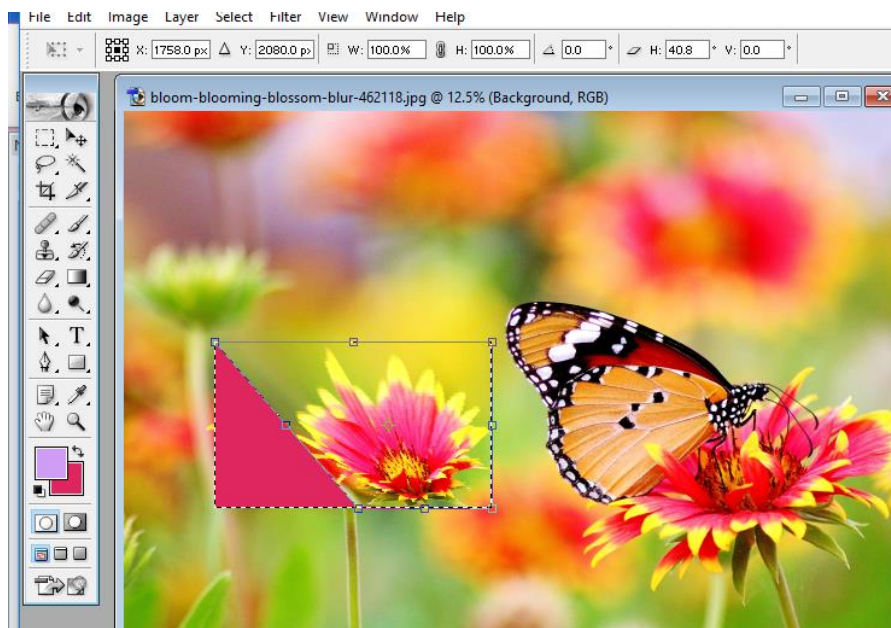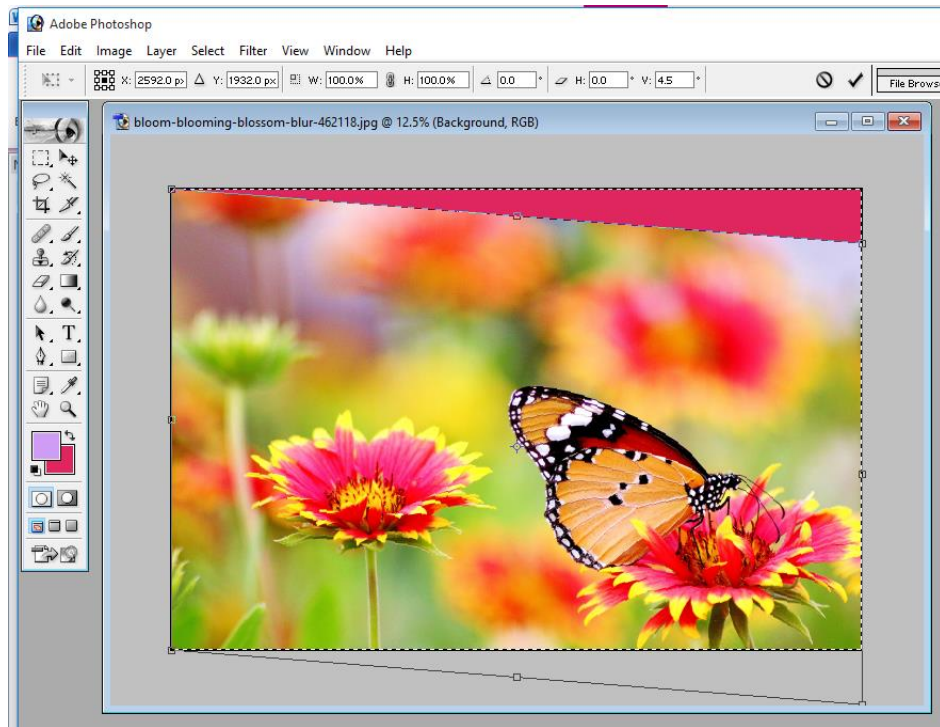
Example Scale and rotate

> **Skew**: If you chose **Skew**, drag a side handle to slant the bounding box.
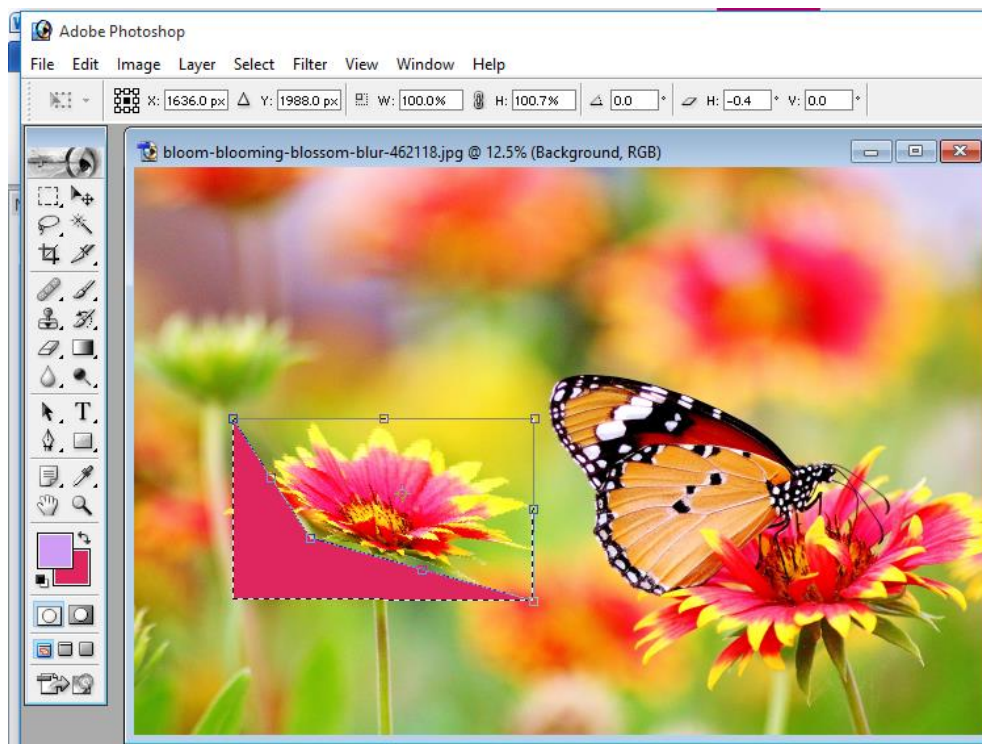
Dragging the corners around after activating will alter the frame only according to that particular point. The layer will alter itself accordingly to fill the frame making the image in the layer skew. This will help you stretch the layer in any one particular direction giving it a skewed shape.
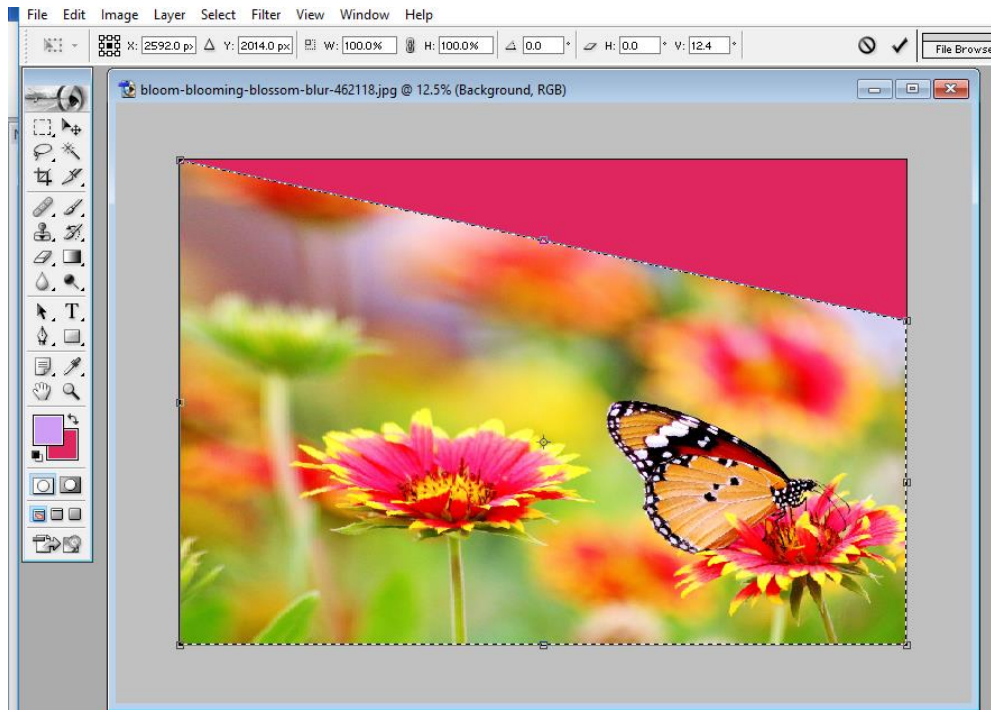
> ➤ **Distort :** If you chose **Distort**, drag a corner handle to stretch the bounding box.
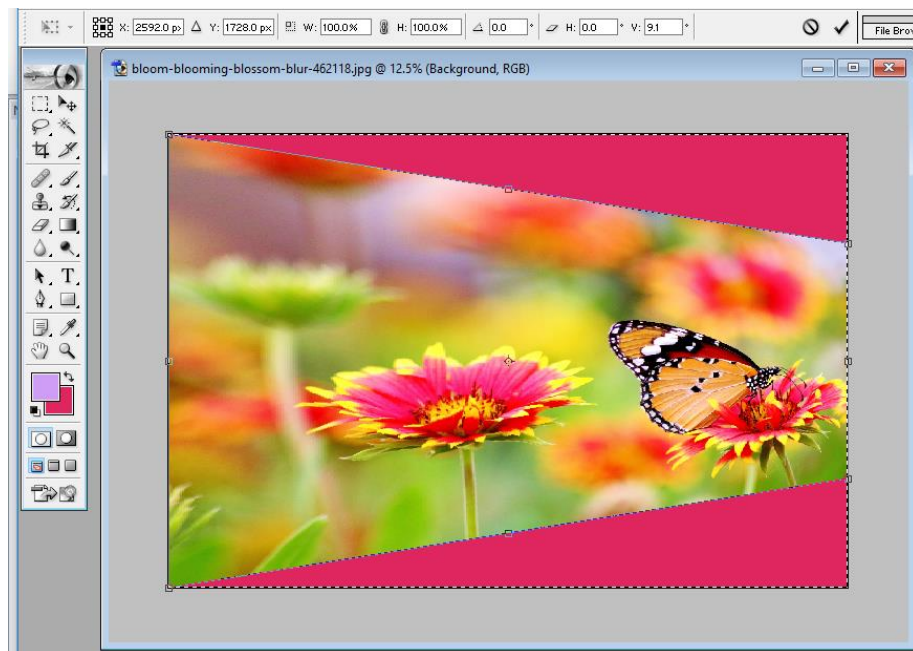
Distort works similar to skew, the biggest difference is that dragging the edges in skew will only shift the layer edge up and down. But in distort. you can even stretch and compress.
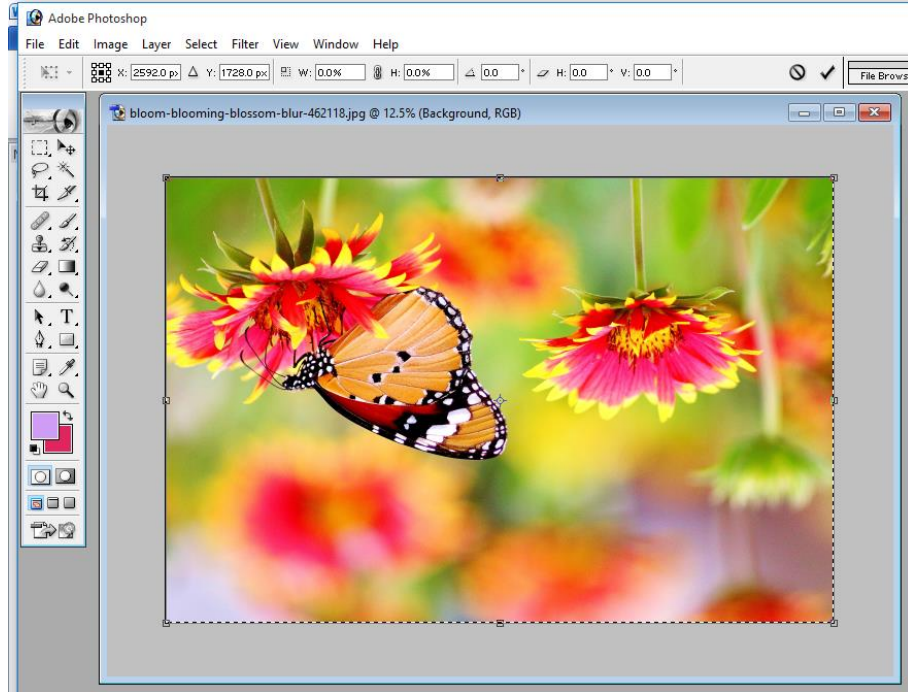
> ➤ **Perspective :** If you chose **Perspective**, drag a corner handle to apply perspective to the bounding box.

Perspective should not to be mistaken with skew. Perspective works a little differently than skew and distort. When you drag the corners of the image after selecting perspective, the opposite corner moves in the opposite direction transforming the layer as it's been seen from a different perspective.
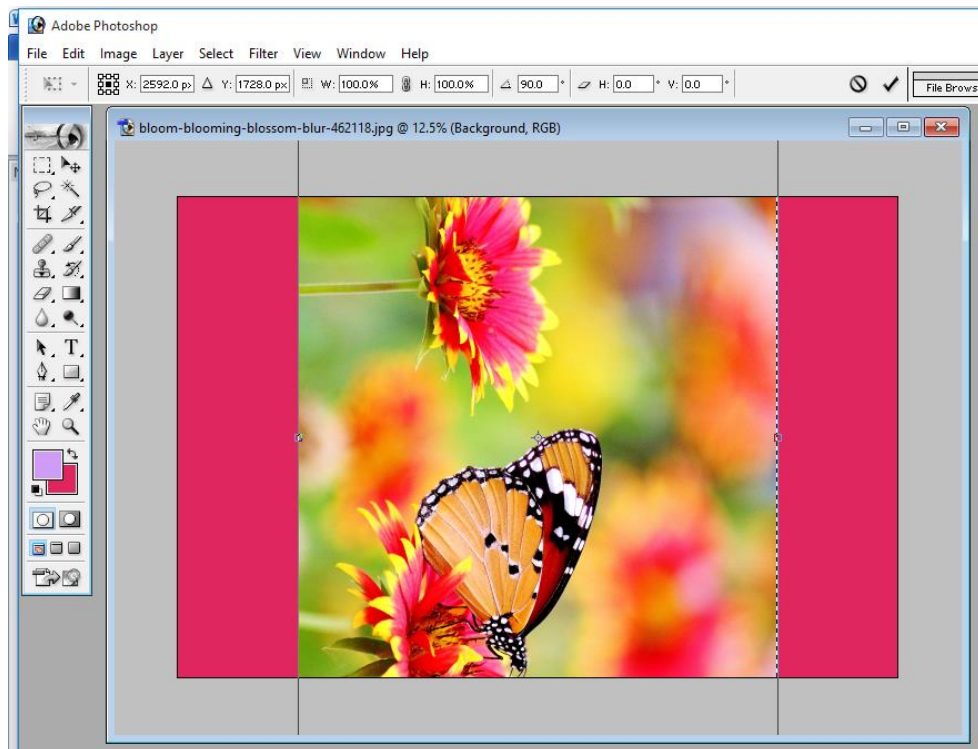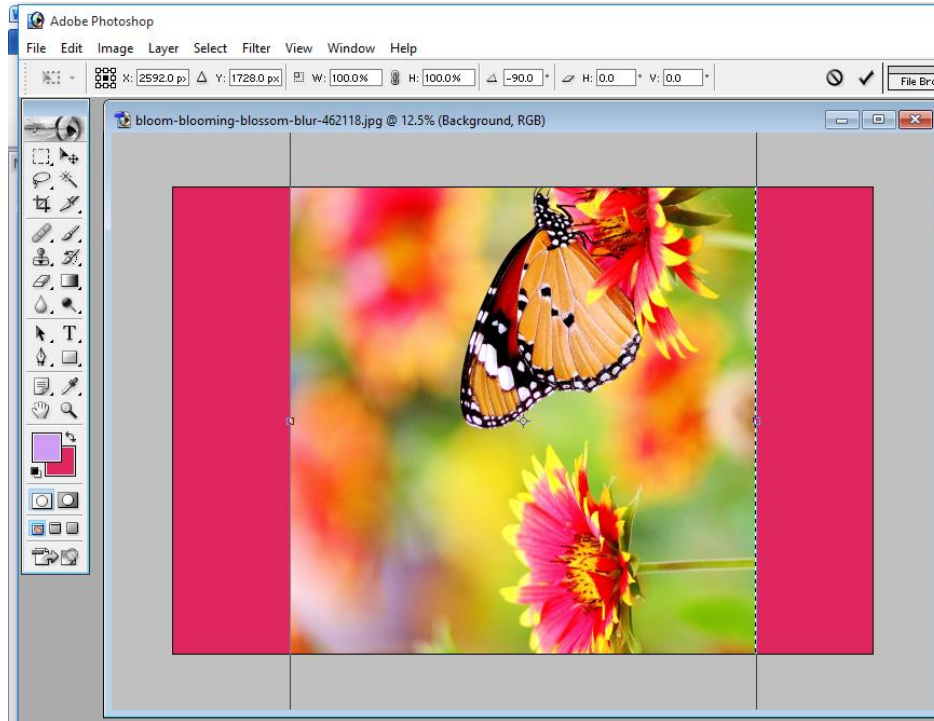
➢ **Rotate 180/ 90 CW/ 90CCW**

▪ Rotate 180 will rotate the image by 180 degrees i.e. **by a half-turn** without affecting the other layers.

▪ Rotate 90 degrees CW will rotate your image by 90 degrees in the clock-wise direction **by a quarter turn.**
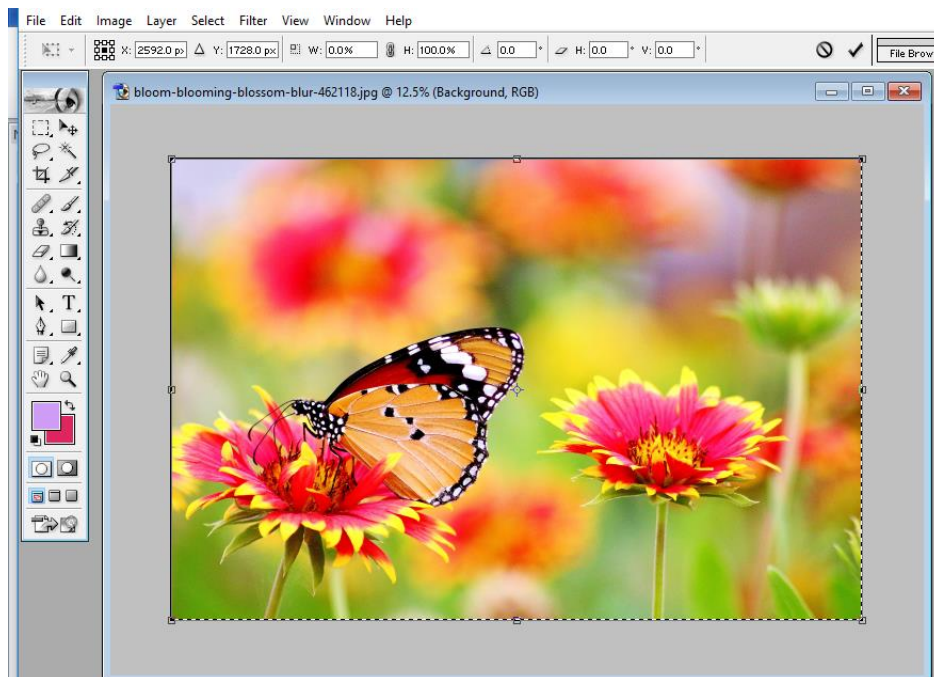
- Rotate 90 degrees CCW will rotate your image by 90 degrees in the counter clockwise direction **by a quarter-turn.**
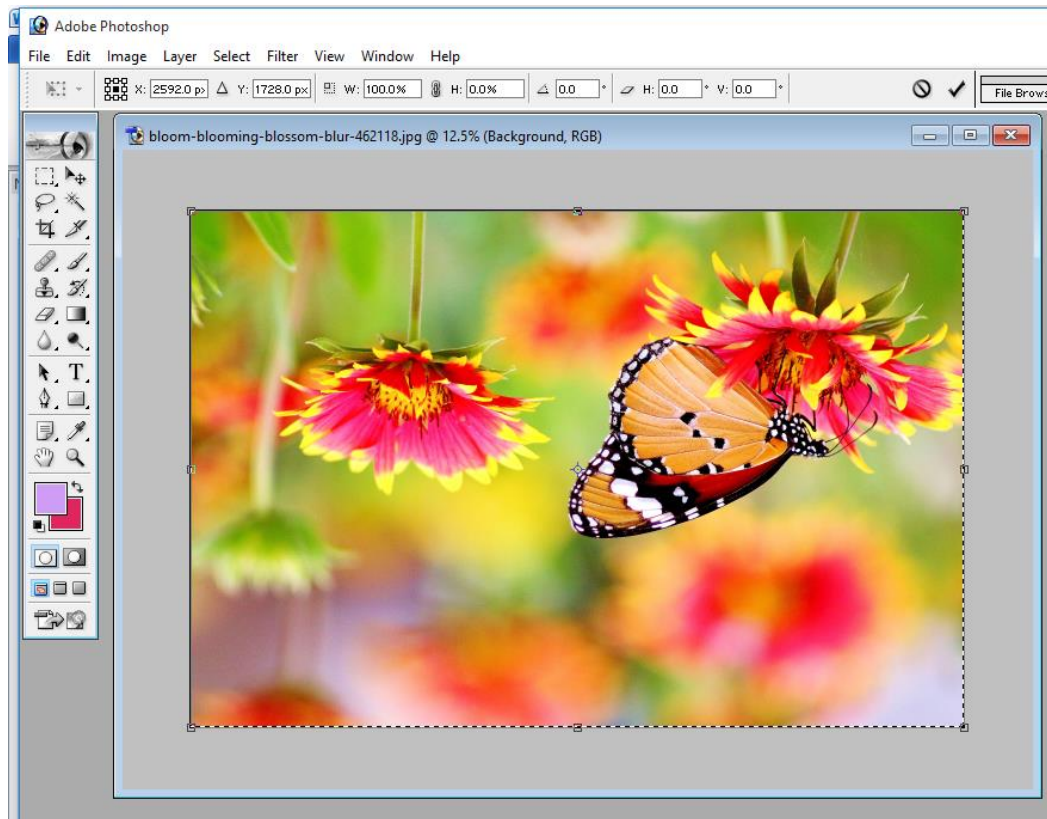

- **Flip :** It's like using a mirror.
    - Flip horizontal will create a mirror reflection. If the image in your layer has a model look to left, after flipping horizontally, it will now be looking at right i.e. Flip Horizontal to flip horizontally, along the vertical axis.

- Flip vertical will change the layer to its mirror reflection as if the mirror was placed above the layer. It will make your layer go upside down i.e. Flip Vertical to flip vertically, along the horizontal axis

Assignments

1. What are various Free Transform Options in Photoshop? Explain.
2. How we can Scale a a selection along with Rotate?