

Aurko

Class X academic program 2020

Information And Communication Technology

Lecture : ICT-07

Chapter 5 : Multimedia & Graphics



Graphics



Poll Question 1

What is the main discussing topic in Computer Graphics?

- क) Animation movie
- ख) Music
- ग) Document

Computer Graphics

In this part of this chapter we would learn how to use Photoshop and Illustrator

Photoshop and Illustrator are very famous software created by Adobe software company but when should we use Photoshop and when should we use Illustrator?

In short when we try to edit an image captured by camera or scanned document we use photoshop to do that.

In contrast, we use Illustrator to draw any kind of art through computer and create logos, banners, posters etc. For example the logo of udvash shown in 2nd slide was created using Illustrator and the cover of your ICT book was also created first in computer by using tool like Illustrator.

Poll Question 2



Which is mainly used here?

- ক) Powerpoint
- খ) Illustrator
- গ) Photoshop

Photoshop

We will encounter many new terminologies when we will try to use photoshop. Let us know them in brief here –

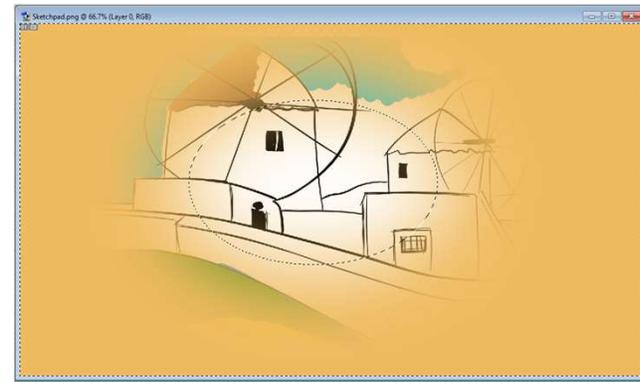
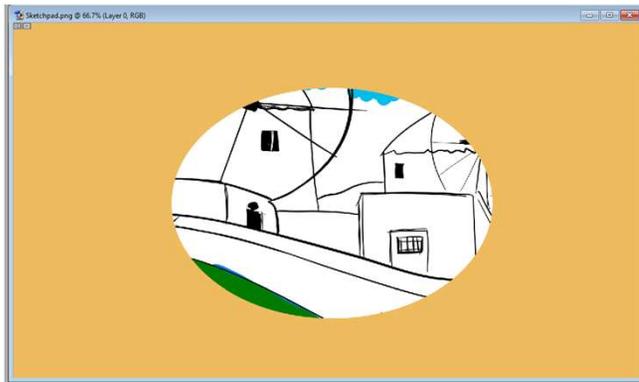
Foreground and Background color– If we consider the main window of photoshop where we edit photos as our writing sheet then the color of our brush or pen can be viewed as Foreground Color and when we erase something with fluid we see the color of fluid on our page this can be views as background color. Normally the ink of our pen is black and fluid we use is white but in photoshop you can choose any color as your foreground color and background color. In short foreground color works as the color of pen and background color works as the color of eraser.

Toolbox and Palette – In the left of working window where all the important tools are stored in a big rectangular box is our toolbox. On the right we have many small boxes that helps us to change some basic settings and shows the status of many tools. These boxes are called palette..

Feathering

Feather – In photoshop we have a tool named Feather. We would use it in our practical demo. But let us see first how it changes our picture and when to use Feather.

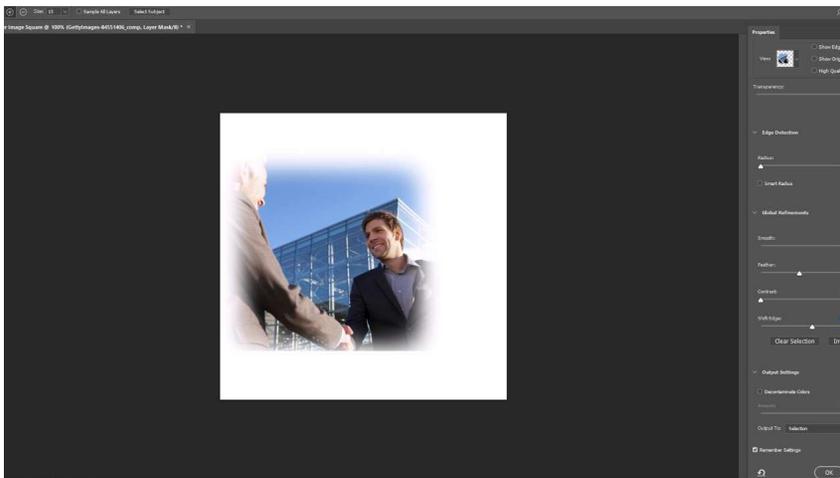
Let observe the two pictures below –



When we want to emphasize a part of picture then we select that portion and pick a feather value that is suitable for displaying the picture

Feathering

Here are 2 more example of Feather usage -



Stroking

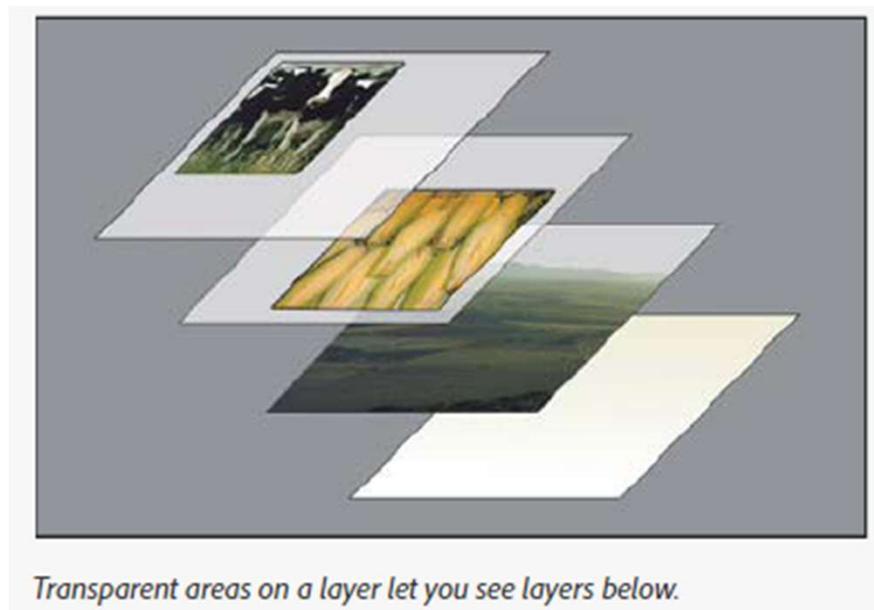
Stroke – Using Stroke we can highlight the border of our selection Observe the example given below-



The border of the word boom is larger for the right right word then the left one

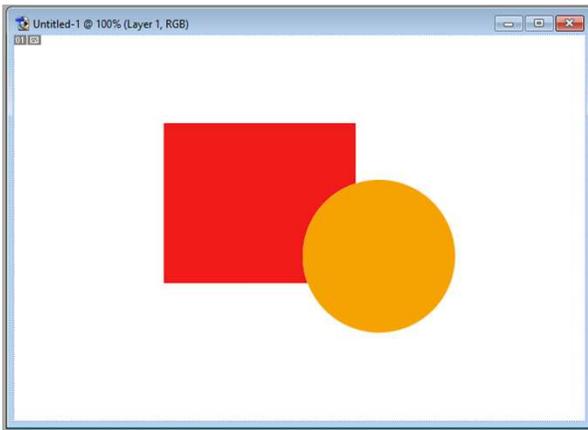
Layering

Layer – Photoshop layers are like sheets of stacked acetate. You can see through transparent areas of a layer to the layers below. You move a layer to position the content on the layer, like sliding a sheet of acetate in a stack. You can also change the opacity of a layer to make content partially transparent. Using layers we can separate our editing and drawing in different layers to configure them with ease.

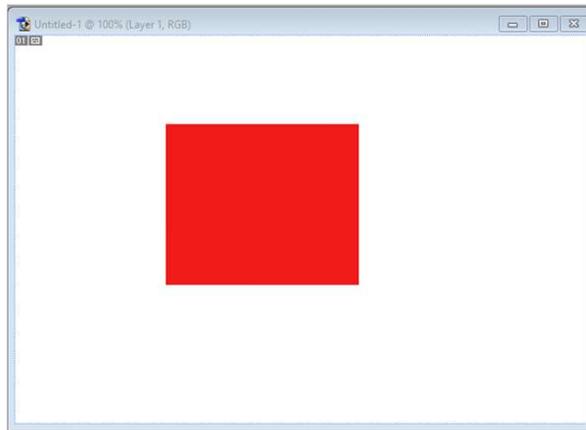


Layering

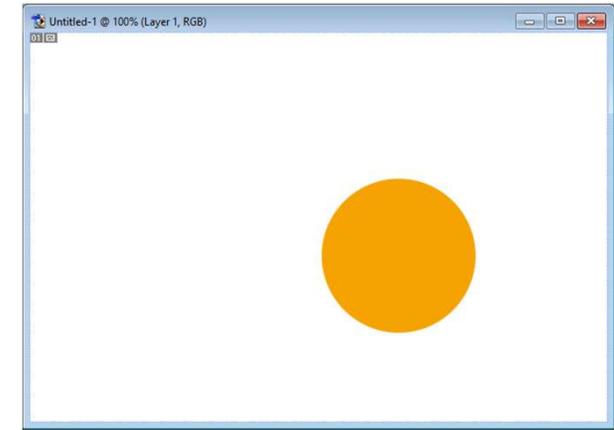
For example instead of drawing 2 different shapes in same canvas we can draw them in different layers so that we can change the position and color very easily.



Full image



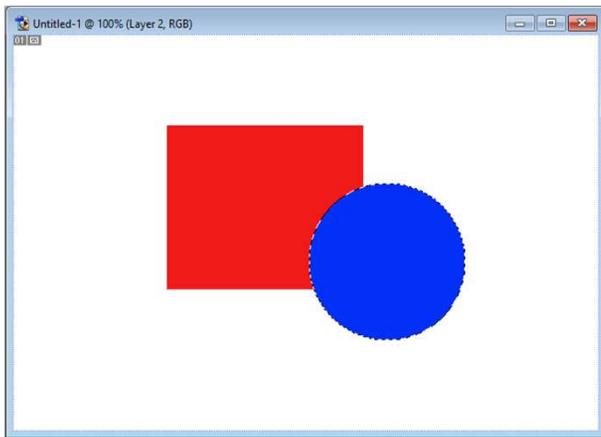
Layer - 1



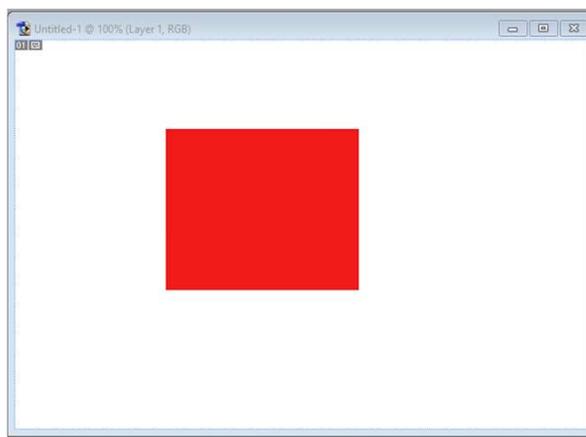
Layer - 2

Layering

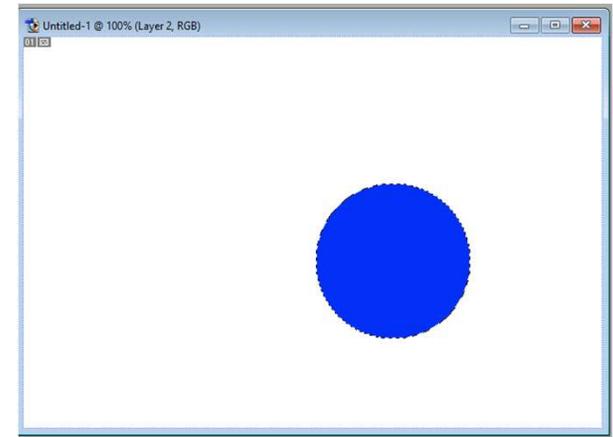
Now if we want we can change the color of the circle drawn in 2nd layer and reflect the change in the whole picture very easily.sdsddsdsadsad



Full image



Layer - 1



Layer - 2

Ctrl + A → All select

Ctrl + C → Copy

Ctrl + V → Paste

Ctrl + Alt + (move tool
in photoshop)

→ Making new pic
from selection.

Also → Duplicating Layer.

Photoshop Hands On

- Opening Photoshop, creating and saving document on Photoshop
- Introduction to Photoshop selection tools
- Usage of selection tools and move tool
- Fill, Stroke and Feather your selection
- Creating objects with layer and using layer text
- Configuring layer opacity, layer merging and deletion
- Image cropping and usage of gradient tool
- Configure brightness and contrast of an image

Save As
JPEG.

লেগে থাকো সৎভাবে,
স্বপ্নজয় তোমারই হবে।