CORELDRAW
PAPER CODE - CEMS SEC 402 SEC SEMESTER IV (2020)

By: Ms. Amrita Prakash
   Assistant Professor
   Department of Computer Science
E-mail: amrita.bca@patnawomenscollege.in

DEFINITION

- [Corel](#) Corporation developed and released a software program called **CorelDRAW**, a [vector](#) graphics editor.

- The software is a robust graphics suite, providing many features for users to edit graphics.

- These features include contrast adjustment, color balancing, adding special effects like borders to images, and it is capable of working with multiple layers and multiple pages.

CorelDRAW is a powerful graphic design tool that can be used for a wide range of creative projects. Whether you are a professional designer or a hobbyist looking to explore your creative side, this course will lay the foundations you need to get the most out of CorelDRAW.

Ideally suited to new owners of the software, these videos cover topics like setting up your workspace and getting familiar with some of the basic tools that you will use in every project.

Designing with computers is called computer aided designing (CAD) and textile designing with computers is called computer aided textile designing (CATD).

Advantages of Using Corel Draw

Levitating towards the cyber world is the in-thing now and Corel Draw is one such move. The canvas, paper, ink and pencil function of media are now replaced by Corel Draw, a computer program for people to express their ideas in pictorial/ graphically.

Several advantages can be had where one uses Corel Draw, such as:

• Corel Draw occupy uses very limited capacity of any machine ie., a computer's memory. This means the machine works to its full capacity, required very less down-time and the performance never is an issue. Also, it is very easy to install on most machines and is OS independent. You could be using aWindows OS or Linux or any otherbut your still gets done with equal speed and dexterity.

• For a humongous program of its size and capabilities, Corel Draw is rather easy to learn. It is partly due to the way it is structured and in equal measure due to its extremely good tutorial and help guides. Also, being a widely-used software, the number of publications catering to this software is huge. One can have any number of books on the subject and that too written very well according to one's needs and understanding capabilities.

• The creators of this excellent program have seen to it that future versions are support work done in older versions and have made the whole processing and saving a delight.

Some of the important graphics programs, which are used by designers, are given below:

- CorelDraw
- Corel Photo-paint
- Adobe Photoshop
- Adobe Illustrator
- Macromedia Freehand
- Macromedia Fireworks
- L-View
- U-Lead

GETTING STARTED WITH CORELDRAW

CorelDraw is one of the most popular and powerful graphics programs and gives designers a most rewarding and enjoyable work experience.

It is built and designed to meet the day-to-day demands of working designers.

CorelDraw software is available in the market and once loaded onto the computer, you can get started with your designing work.

OPENING CORELDRAW

Steps:

- Go to Start and select Programs from the list.
- Find the Corel section and select CorelDraw.
- Choose Open Graphic for old design. New Graphic creates a new, one page document. Template allows access to professionally created templates from the library. Corel Tutor gives a brief overview of how to use the program.
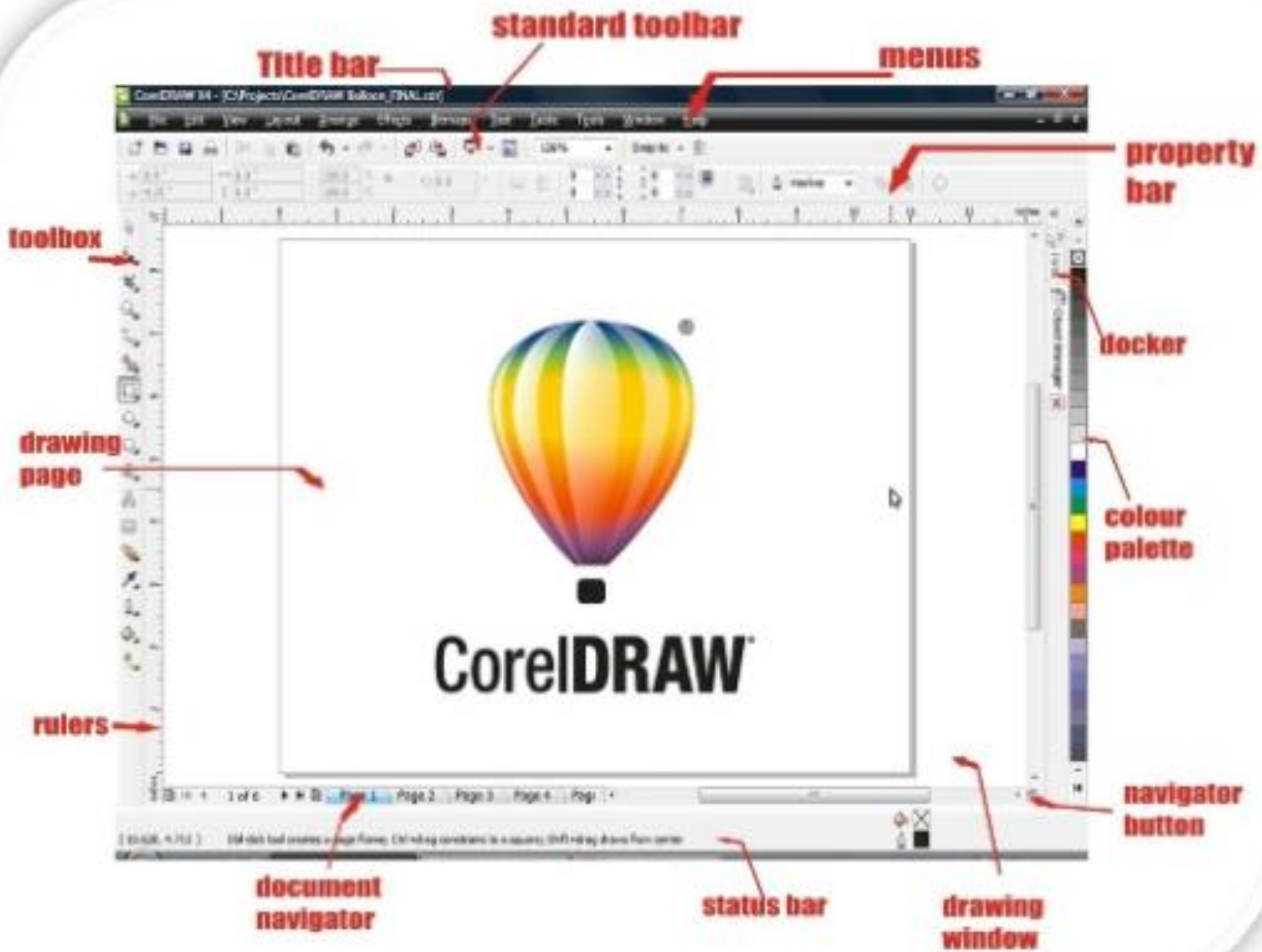
CorelDraw application window The CorelDraw application window looks like the one illustrated here

WINDOW COMPONENTS THE VARIOUS WINDOW COMPONENTS IN CORELDRAW ARE

- Title bar
- Menu bar
- Property bar
- Tool bar (Standard)
- Tool box
- Rulers
- Drawing page
- Drawing window
- Colour palette
- Docker
- Status bar
- Document navigator
- Navigator

standard toolbar

Title bar

menus

property bar

toolbox

docker

drawing page

colour palette

rulers

CorelDRAW

navigator button

document navigator

status bar

drawing window

MENU

Menus contains pull-down options

STANDARD TOOLBAR

Contains shortcut to menus and other commands.

PROPERTY BAR

A context sensitive toolbar that shows commands relating the active tool or object.

TOOLBOX

Contains tools for creating, filling and modifying objects in a drawing

DRAWING PAGE

The printable area of the workspace

DOCUMENT NAVIGATOR

Contains controls for moving between and adding pages.

RULERS

Horizontal and vertical borders that are used to determine the size and position of objects in a drawing.

DRAWING WINDOW

The area outside the drawing window bordered by the scroll bar.

NAVIGATOR BUTTON

Open a smaller display to help pan around a drawing page

STATUS BAR

Contains information about object properties such as type, size, colour, fill and resolution. It also shows the current mouse position.

COLOUR PALETTE

Contains colour swatches.

DOCKER

Contains available commands and settings relating to a specific tool, effect or task.

TOOLS of CorelDraw

1. Pick Tool = To select, resize, and rotate toward the image object.

2. Shape Edit
- Shape : Editing an image object shape.
- Smudge Brush : Alter / distort the overall picture with attractive shorelines.
- Roughen Brush : Alter / distort the overall outline shape drawing by attractive shorelines.
- Free Transform Tools : Transform image objects using rotation (rotation)free, rotation angle, and resize, and also tilt the image shape.

TOOLS of CorelDraw

3. Crop Tool
- •Crop : Eliminate the unwanted parts in the object.
- •Knife : Alter / distort the overall picture with attractive shorelines.
- •Erase : Remove the area in the picture.
- •Virtual Segment Delete : Delete an object that is part of the intersection (the intersection).

4. Zoom
- Zoom : Change the magnification of the image in the image window
- Hand : Adjusts the images that appear in the image wind

TOOLS of CorelDraw

5. **Curve**

•Freehand : Draw segments or curves in the form of a single line

•Bezier : Drawing curves in the form of a single line per point (node)

•Artistic Media Tool : Bring up the generator function form (pen), such as brush (brush effect with a particular pattern of outward appearance), sprayer (spray paint effects), calligraphic (calligraphy pen effects), and Pressure (pen effects techniques that will form the curved edge without lines).

•Pen : Drawing curves in a segment point to point (node).

•Polyline : Drawing lines and curves in preview mode.

•3 Point Curve : Draw a curve by specifying the start and end point, then the center of the curve.

•Interactive Connector : Combining the two objects with a line.

•Dimension : Draw a vertical line, horizontal, angular, and oblique.

TOOLS of CorelDraw

6. **Smart Tools**
- Smart Fill : To create objects of an area then fill with color or texture.
- Smart Drawing : To change your pointer graffiti images to form the basis of its form or shape that is more subtle.

7. Rectangle
- Rectangle : To establish terms and boxes.
- 3 Point Rectangle : To establish terms and arrange boxes with point to point.

8. Ellipse
- Ellipse : To draw an ellipse to a circle.
- Hand : Adjusts the images that appear in the image window.

TOOLS of CorelDraw

9. **Object**
- Polygon : To form a polygon and star symmetrically.
- Star : To form stars.
- Complex Star : To form stars with more complex shapes with intersection angles.
- Graph Paper : To establish a similar arrangement of tables or boxes such as engineering drawings on paper.
- Spiral : To form a spiral (per) is symmetrical and logarithmic.

10. **Perfect Shapes**
- Basic Shapes : A variety of forms so as octagonal, smiley face, until the triangle.
- Arrow Shapes : To facilitate drawing arrows with various forms of variation form, direction, and number of arrowheads.
- Flowchart Shapes : To facilitate drawing flowchart shapes (chart).
- Banner Shapes : To make it easier to draw shapes and symbols tape explosion.
- Callout : To make it easier to draw and label the speech bubble shape.

TOOLS of CorelDraw

11. Text Tool = To make the text directly in the drawing area that serves as both an artistic and caption text.

12. Interactive Tools
- Interactive Blend : To establish terms and boxes
- Interactive Contour : To establish terms and arrange boxes with point to point
- Interactive Distortion : To distort objects in push / pull, zipper, and twister.
- Interactive Drop Shadow To insert an object into the shadow
- Interactive Envelope : To change the shape of the object by dragging a point (node) on the outline
- Interactive Extrude : To form the illusion of depth on the object.
- Interactive Transparency : To insert a transparent effect on the object.

TOOLS of CorelDraw

13. Eyedropper

•Eyedropper : To select and copy the relevant properties of an object, such as color (fill in the object), lines, line thickness, size, and effects.

•Paintbucket : To implement the related property of an object, such as color (fill in the object), lines, line thickness, size, and effects; taken by the eyedropper tool, to other objects.

14. Outline

•Outline Pen Dialog : To access the outline pen dialog box

•Outline Color Dialog : To access the color settings dialog box outline

•No Outline : To eliminate the outline of an object.

•½ Point Outline : To establish the thickness of ½ point line

•1 Point Outline : To form a line thickness of 1 point

•2 Point Outline : To form the 2 point line thickness.

•8 Point Outline : To form the line thickness 8 points.

•16 Point Outline : To form the 16 point line thickness.

•24 Point Outline : To form a 24-point line thickness.

•Color Docker Window : To open the docker for setting color and object outline.
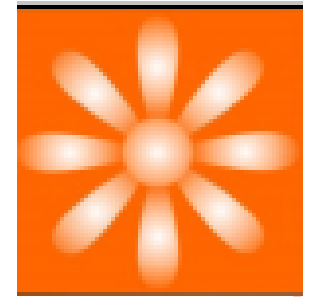
TOOLS of CorelDraw

15. Fill Tools

- Fill Color Dialog : To access the settings dialog box of paint (charger interior of the object) of an object.
- Fountain Fill Dialog : To access the dialog box filler color and gradation to the object.
- Pattern Fill Dialog : To access the dialog box filler patterns into objects.
- Texture Fill Dialog : To access the dialog box filler into the texture object.
- Post Script Fill Dialog : To access the dialog box filler image post-script to the object.
- No Dialog : To eliminate the filler element of an object
- Color Docker Window : To open the docker for setting color and object outline.
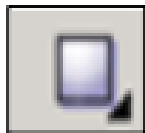
16. Interactive Fill

- Interactive Fill : To fill a variety of fill (filler objects) into an object.
- Interactive Mesh : To apply network lines on an object. may be useful

Draw a flower with eight petals by using free hand tool and shape tool. Draw a square by using pen tool. Place this flower inside the square with the help of pick tool. Now fill the colours in flower and square.
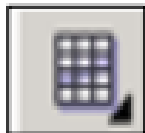
- Smart Drawing Tool converts the freehand strokes you draw to basic shapes and smoothed curves.

- Rectangle Tool draws rectangles and squares. Squares are created by using the Control key while drawing.

- Ellipse Tool draws ellipses and circles. Circles are created by holding down the Control key as you draw.

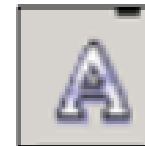- Graph Paper Tool draws a collection of boxes that simulate a sheet of graph paper.

- Perfect Shapes Tool - A collection of objects, which you can add to your drawing.

Make two compositions by using the following shapes - rectangle, circle, polygon, spiral, star, and triangle.

- Text Tool - Adds either Artistic or Paragraph text to your drawing.

- Interactive Blend Tool - Allows you to merge objects.

- Eyedropper Tool - Allows you to select a color within an object, especially a bitmap, and allows you to apply that color to another object.

- Outlines Tool - Sets the outline style of an object or a line. This includes the line type, ends, color, and weight.

Note: The fly out tools of all the main tools helps us in creating intricate designs more easily, and makes the task easy.

Make two or three different shapes or write some text and try to use the following tools in that drawing.

Interactive Blend tool

Interactive Contour tool

Interactive Transparency tool

Interactive Drop shadow tool

COREL DRAW 12

- Fill Tool - Assigns the fill style of any object.

- Interactive Fill Tool - Allows you to apply Fountain fills (gradients) using the mouse. The flyout gives access to the Mesh fill Tool.

Activity 4: Make a floral pattern for table cloth by using the following tools:

1. Freehand tool

2. Shape Tool

3. Outline Tool

4. Transparency Tool

5. Fountain Fill Dialog Box

6. Interactive Mesh Fill Tool

SAVING A FILE IN CORELDRAW

- By default, drawings are saved to the CorelDRAW file format (CDR) and are compatible with the latest version of the application. You can also save a drawing that is compatible with an earlier version of CorelDRAW Graphics Suite and specify save options. Such options are useful when the file contains new text, fill, outline, and transparency features that are not supported in earlier versions.

- You can save a drawing to other vector file formats as well. If you want to use a drawing in another application, you must save it to a file format that is supported by that application. For information about saving files to other formats, see Exporting files.

- When saving a drawing, you can embed the used fonts to facilitate file sharing. By default, CorelDRAW embeds all used fonts, with the exception of Asian fonts and fonts that do not have embedding permissions. For more information, see Embedding fonts.

- When you save a drawing, CorelDRAW lets you add reference information so that you can easily find and organize drawings later on. You can attach tags (also known as properties) such as title, subject, and rating.

- You can also save selected objects in a drawing. For large drawings, saving only the selected objects reduces the file size, which can decrease the time it takes to load the drawing.

- When saving a file, you can use advanced options to control how bitmaps, textures, and vector effects, such as blends and extrusions, are saved with the drawing.

- You can also save a drawing as a template, which lets you create other drawings with the same properties. For information about saving a drawing as a template, see Working with templates.

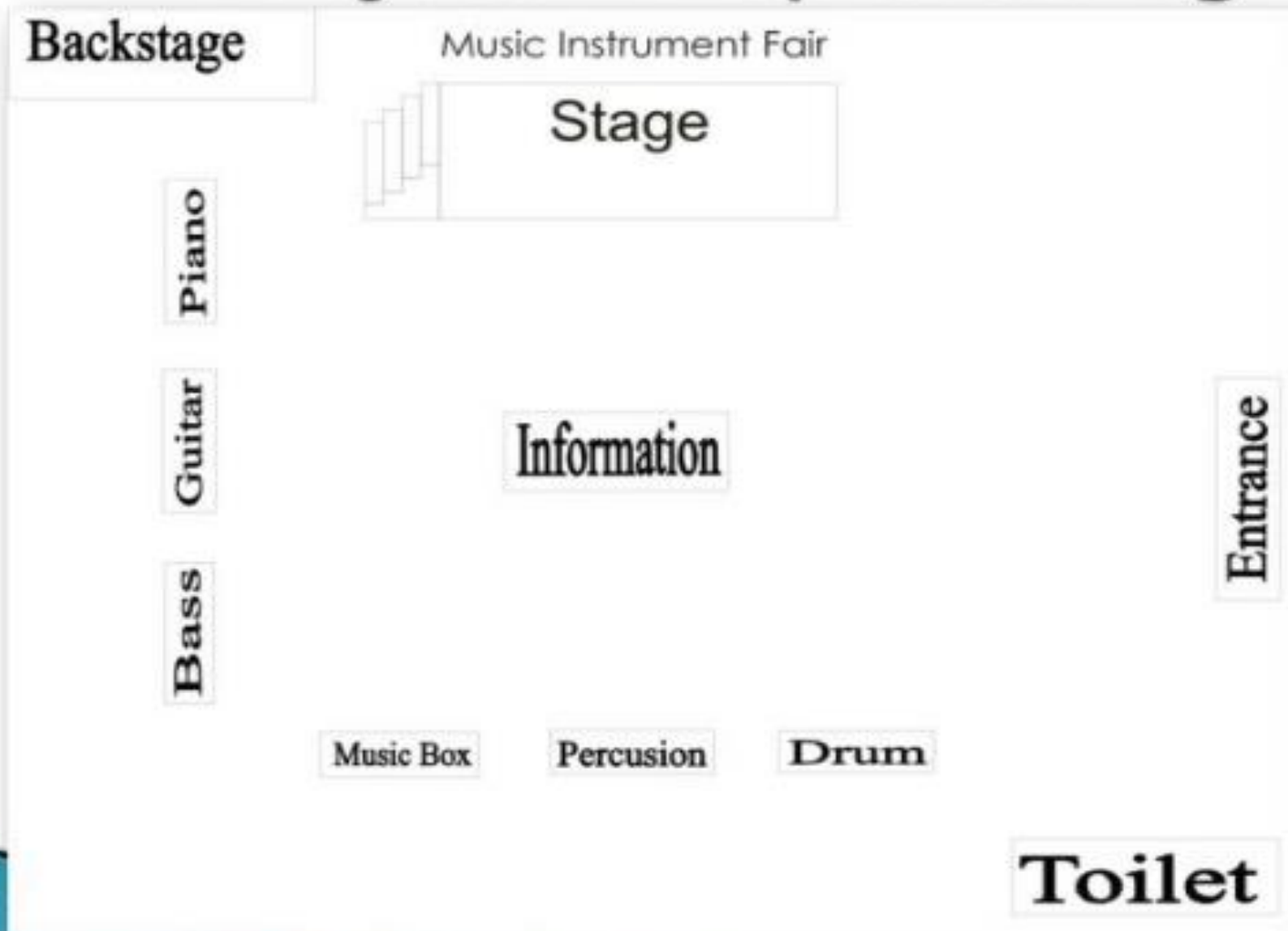- To save a drawing1 .Click **File Save as**.2 .Type a filename in the **File name** box.3 .Locate the folder where you want to save the file.If you want to save the drawing to a vector file format other than CorelDRAW (CDR), choose a file format from the **Save as type** list box.

SAVING A FILE IN CORELDRAW

Locate the folder where you want to save the file.If you want to save the drawing to a vector file format other than CorelDRAW (CDR), choose a file format from the **Save as type** list box.

You can also

- Save only selected objects   Enable the **Selected only** check box.
- This option is available only if there are selected objects in the drawing.
- Embed fonts   Enable the **Embed fonts** check box.
- This check box is unavailable when you save a drawing to an earlier version of CorelDRAW.
- Add reference information   Do any of the following:
- Type a title and subject in the corresponding box. Assign a rating to the file.
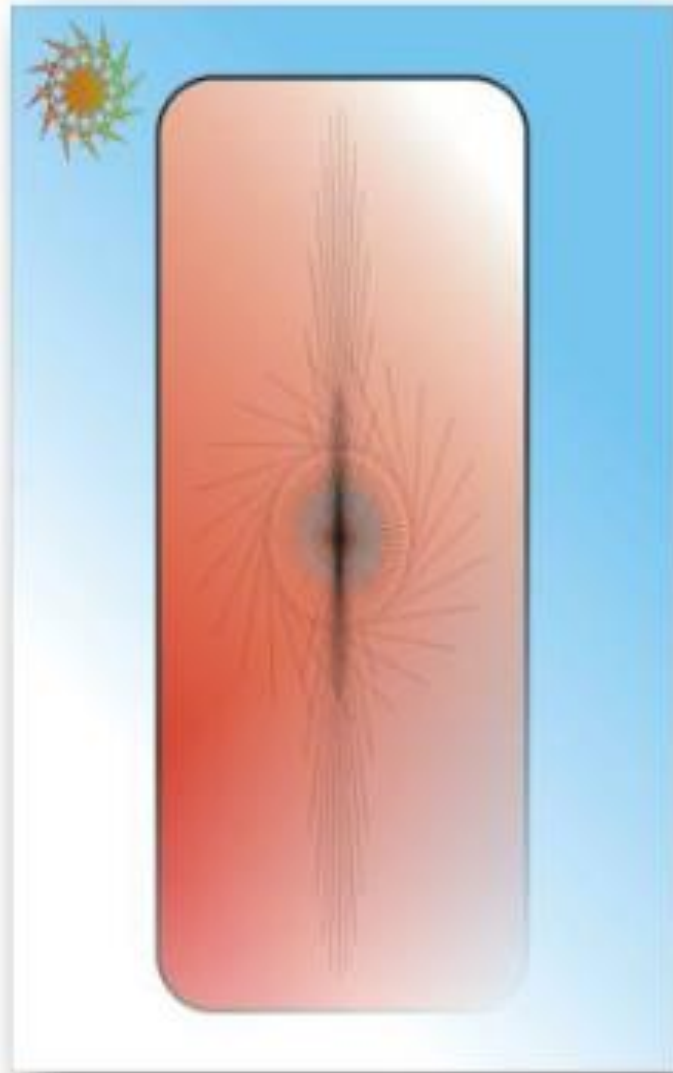
1ˢᵗ Project – Map drawing

Backstage

Music Instrument Fair

Stage

Piano

Guitar

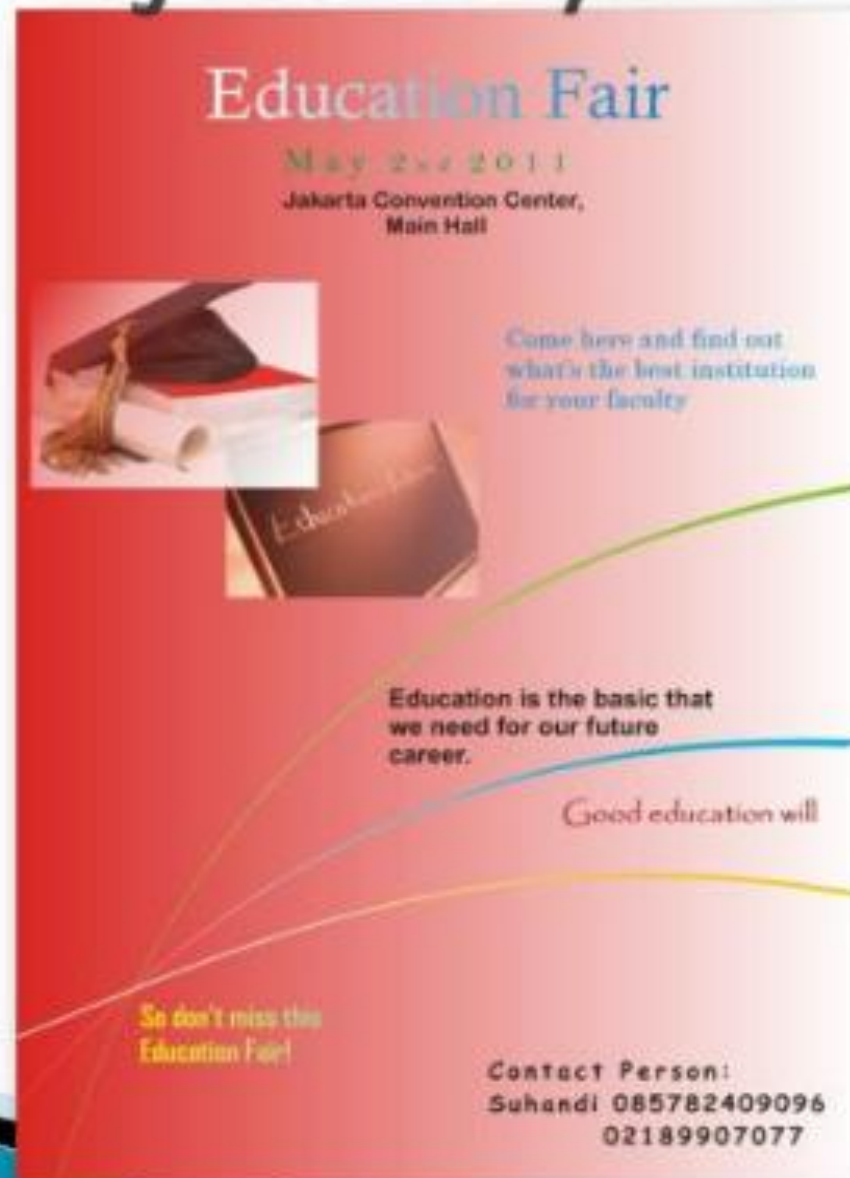Information

Entrance

Bass

Music Box

Percusion

Drum

Toilet

- In this Map Drawing, I drew a picture that shows about the map of a Music Instrument Fair.

- I made this map with simple tools like Rectangle Tool and Text Tool. I also use the Weld to combine some rectangles to make the stairs.

2nd Project – Rough Drawing

3ʳᵈ Project – Flyer Design

4ᵗʰ Project – Logo Design

- http://product.corel.com/help/CorelDRAW/540223850/Main/EN/Documentation/wwhelp/wwhimpl/common/html/wwhelp.htm#href=CorelDRAW-Exploring-the-toolbox.html&single=true