**ASSIGNMENT 2**

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**COMPUTER ILLUSTRATION**

**Following were the key learnings during this session:**

1. WHAT IS ADOBE ILLUSTRATOR:

It is the industry-standard vector graphics app that lets you create logos, icons, drawings, typography, and complex illustrations for any medium. Adobe Illustrator is the industry standard design app that lets you capture your creative vision with shapes, color, effects, and typography.

1. THE VECTOR IMAGE:

Vector graphics are computer images created using a sequence of commands or mathematical statements that place lines and shapes in a two-dimensional or three-dimensional space. In vector graphics, a graphic artist's work, or file, is created and saved as a sequence of vector statements.

1. HOW TO OPEN, CREATE AND SAVE A NEW DOCUMENT

* Choose from the FILE > NEW>DOCUMENT menu. It will display the new document window.
* Choose from the FILE / OPEN menu. The Open window is displayed.
* Choose from the FILE / SAVE (or SAVE AS)menu. The Save As (or save) window is displayed.

1. Illustrator’s interface can be understood easily if we categorize it. We can first understand the main toolbox on the left side
2. Following are the drawing tools:

* Crayon
* Eraser
* Round
* brush
* Blob Brush
* Pen

1. We can edit path using pencil tool by bringing the pencil closer to the path we want to change by drawing the desired shape.
2. Following were the key components that were discussed:

* The toolbox
* The Color palette
* The Transparency palette
* The Stroke palette
* The Gradient palette
* The Layers palette
* Creating Shapes

1. THE TEXT TOOL:This tool allows us to create free text. To start with, select the Type tool in the Tools panel on the left. In a blank area in the artboard on the right, simply click to add some text. After you click, a small line of text should appear. Following were the text tools:

* Free Text
* Character Panel
* Paragraph Panel
* Captive Text Tool
* Curvilinear Text Tool
* Vertical Tool

1. DEFORMATION:All elements produced in Illustrator can be distorted in many ways, whether using tools, adjustments, or filters.
2. DISPLACEMENT:This transformation moves the shape outside of the element box.
3. ROTATION:This transformation allows the shape to be rotated without affecting the element box.
4. SCALE: It helps in custom scaling.
5. THE BLEND TOOL: It helps in creating a connection between two objects of different shapes. This can be done using the gradient option window.
6. THE SHAPE BUILDER: This tool allows us to consolidate multiple shapes into one.
7. THE PATHFINDER PANEL: It allows different types of merging of vrous shapes between them.
8. EDITING PATHS:A path is made up of one or more straight or curved “segments.” The start and end of each segment is highlighted by anchor points. We can change the overall shape of a path by editing its anchor points and can control a curve by dragging the “direction points” at the end of the “direction lines” that appear at anchor points.
9. TRACING A PHOTOGRAPH:Tracing a picture without being an expert in drawing, it is possible to use a reference photographic image to trace the subject of the raster image and turn it into a vector image. We can trace general shapes, shadows, and highlights.