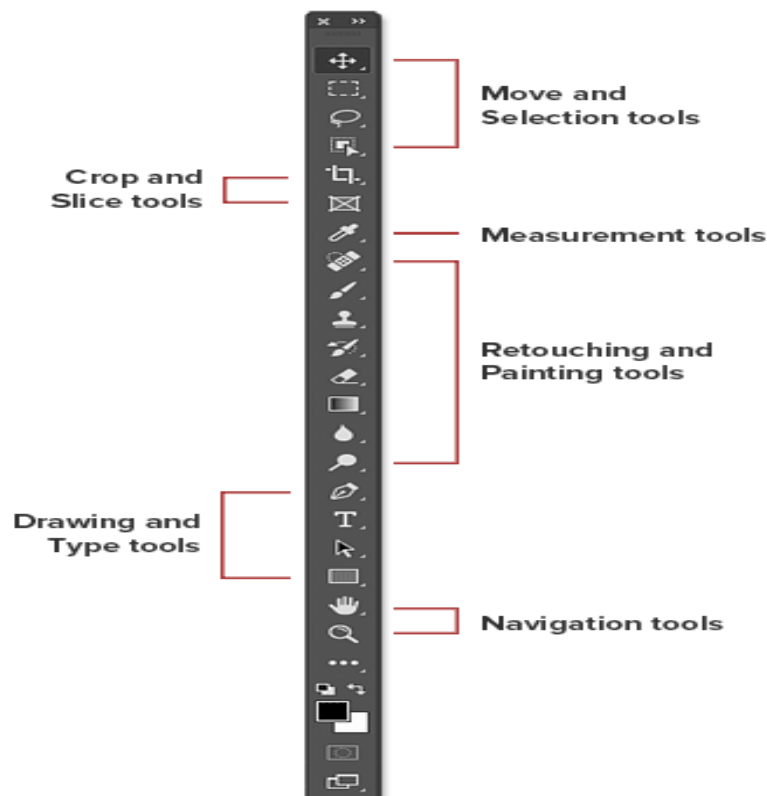# Assignment 1: Princepreet Singh

Briefly explain all the options in the toolbar (left side tool bar) and what purpose they serve. Include the single char representation without fail.

Photoshop Toolbars: The toolbar is where Photoshop holds many tools that we have to work with. There are tools for making selections, for cropping and retouching images, for adding shapes and type, and many more. Photoshop's toolbar is located along the left of the screen.

It may seem like the tools are listed randomly, there's a logical order to it, with related tools grouped together.

At the top, we have Photoshop's **Move** and **Selection** tools. And directly below them are the **Crop** and **Slice** tools. There are **Measurement** tools, followed by Photoshop's many **Retouching** and **Painting** tools. Next are the **Drawing** and **Type** tools and finally, we have the **Navigation** tools at the bottom.

Below are the details of all the tools:

- ## Move and Selection tools

  I. **Move Tool * (V):** It is used to move layers, selections and guides within a Photoshop document.
  II. **Rectangular Marquee Tool * (M):** It draws rectangular selection outlines.
  III. **Lasso Tool * (L):** This tool will help you draw a freeform selection outline around an object.
  IV. **Object Selection Tool * (W):** This tool lets you select an object just by dragging a rough selection outline around it.

- ## Crop and Slice tools

  I. **Crop Tool * (C):** It crops an image and remove unwanted areas.
  II. **Frame Tool * (K):** It lets you place images into rectangular or elliptical shapes.

- ## Measurement tools

  I. **Eyedropper Tool * (I):** It samples colors in an image. We can Increase the "Sample Size" in the Options Bar for a better representation of the sampled area's color.
  II. **Ruler Tool (I):** The Ruler Tool measures distances, locations, and angles.

- ## Retouching and Painting tools

  I. **Spot Healing Brush Tool * (J):** This tool quickly removes blemishes and other minor problem areas in an image.
  II. **Brush Tool * (B):** This tool is Photoshop's primary painting tool. We can use it to paint brush strokes on a layer.
  III. **Clone Stamp Tool * (S):** This tool is the most basic of Photoshop's retouching tools. It samples pixels from one area of the image and paints them over pixels in another area.
  IV. **History Brush Tool * (Y):** It paints a snapshot from an earlier step (history state) into the current version of the image. We can choose the previous state from the History panel.
  V. **Eraser Tool * (E):** It permanently erases pixels on a layer. It can also be used to paint in a previous history state.
  VI. **Gradient Tool * (G):** It draws gradual blends between multiple colors. It lets you create and customize your own gradients.
  VII. **Blur Tool *:** It blurs and softens areas you paint over with the tool.
  VIII. **Dodge Tool * (O):** it will paint over areas in the image with the Dodge Tool to lighten them.

- ## Drawing and Type tools

I. **Pen Tool * (P):** It allows you to draw extremely precise paths, vector shapes or selections.
II. **Horizontal Type Tool * (T):** It will add standard type to your document.
III. **Path Selection Tool * (A):** This tool will select and move an entire path at once.
IV. **Rectangle Tool * (U):** This tool will draw a rectangular vector shapes, paths, or pixel shape.

- ## <u>Navigation tools</u>

I. **Hand Tool * (H):** This tool helps us to click and drag an image around on the screen to view different areas when zoomed in.
II. **Zoom Tool * (Z):** This tool allows you to zoom in on a specific area.