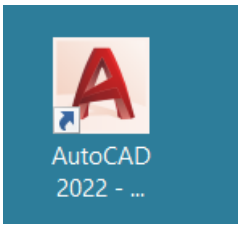
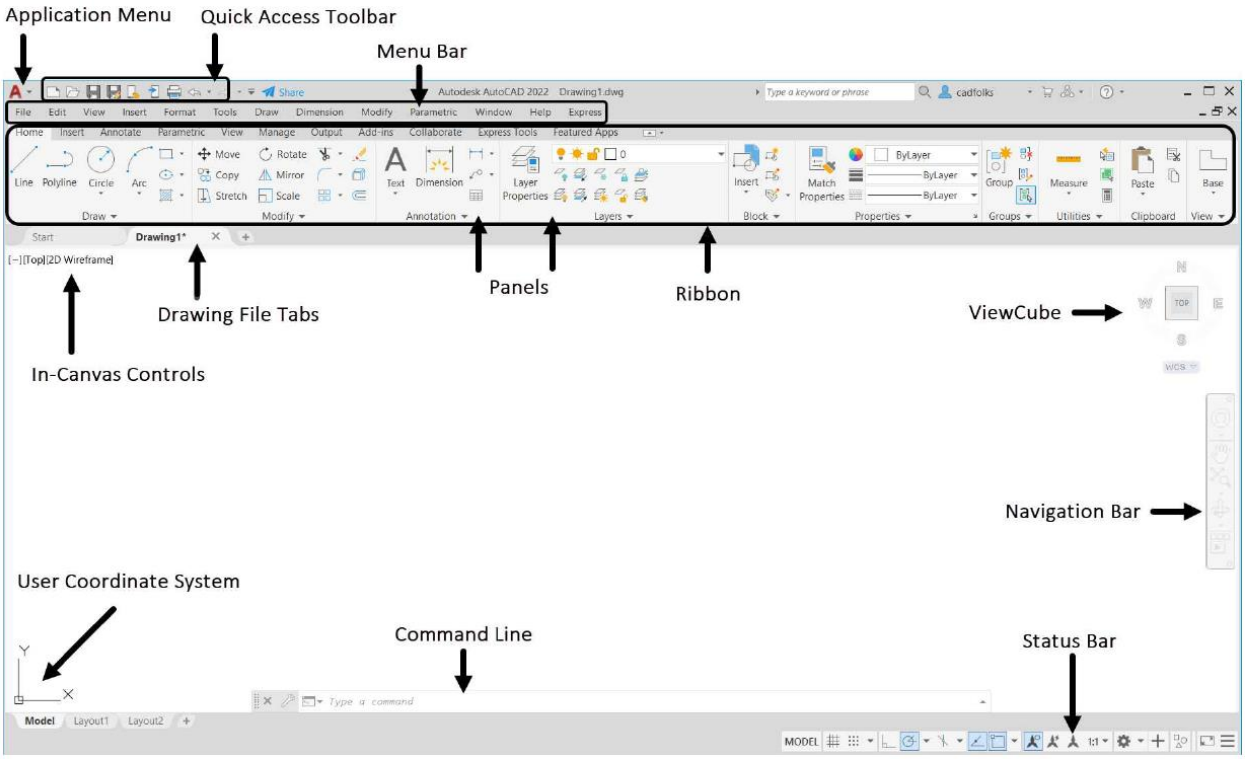
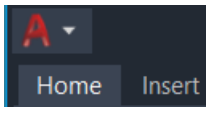
1.1 Launching AutoCAD

1. Double click on AutoCAD Icon in desktop





2.From the top left corner of the application screen shown below



click New > acad to open new drawing

click open open an old drawing

[note to open new drawing you can write Qnew in command line]

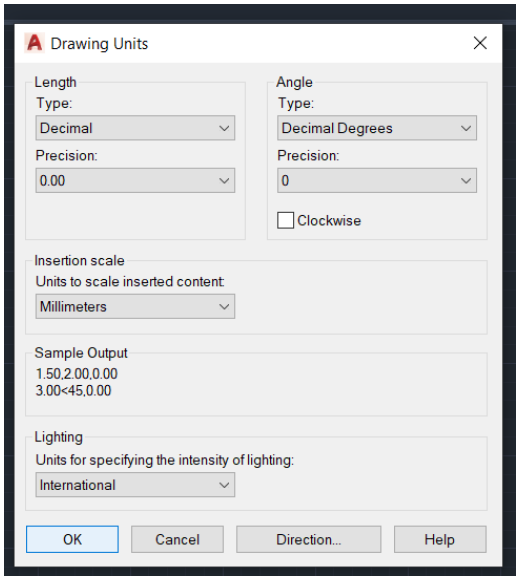
To start drawing after opening AutoCAD from desktop

1. in the command line write >units or un

Or use format>units

[Note to show hidden command line press CTRL 9]

The following screen will appear



Choose In the length> Decimal> and in precision >0.00

In the angle type > Decimal Degree and in the precision>0

In the units to scale > millimeters or centimeters and in the Lighting > international

Then press ok

4.Using the **grid** is similar to placing a sheet of **grid** paper under a drawing.

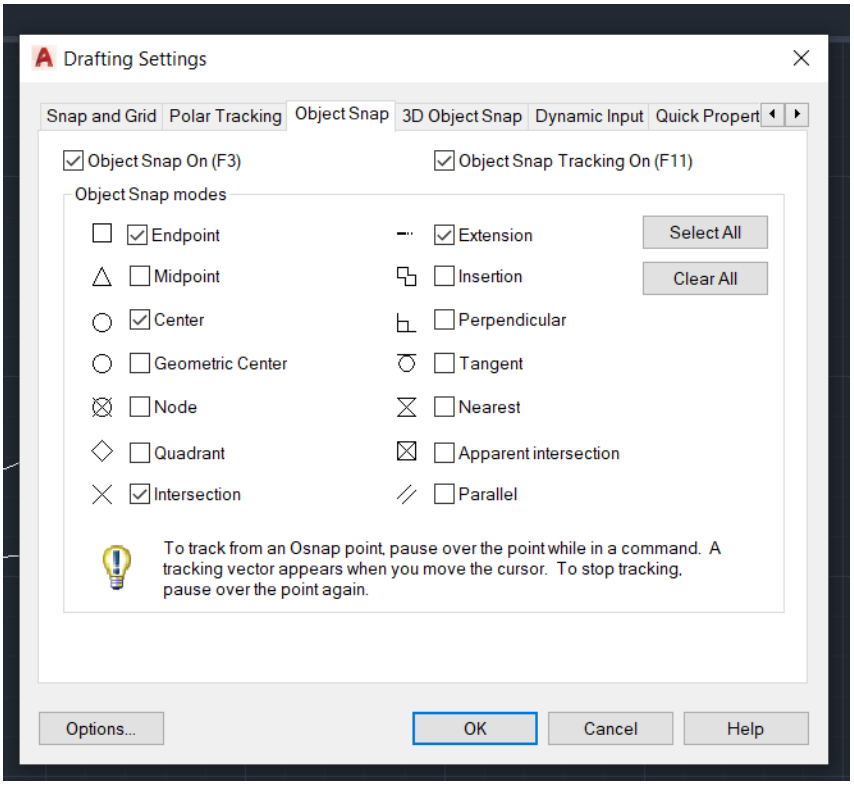
In the command line write grid> and write the required spacing in the mesh of the grids. Say 10,10

[**To Display a Grid and Set the Grid Spacing**

On the Status Bar, right-click on **grid** display Find and select **Grid** Settings.]

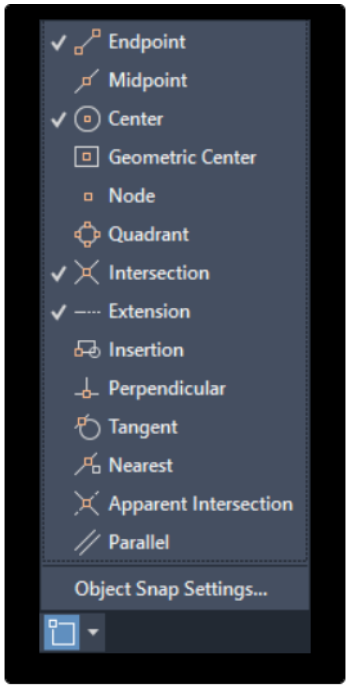
5. The Object Snap is **used to specify a precise location on the objects**. It displays the points on the objects, such as midpoints, center point, quadrant point, insertion point, endpoint, etc., which make the drafting and drawing process effective.

- Press Shift and right-click to display the Object Snap shortcut menu.
- Press osnap setting then the dialog box will shown as follow



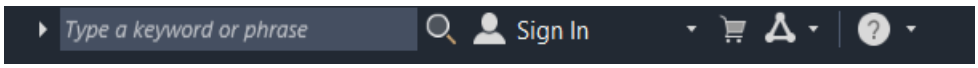
Choose Object snap on

The options are as indicated in the box



- Right-click and choose an object snap from the Snap Overrides submenu.
- Click an object snap button on the Object Snap toolbar.
- Enter the name of an object snap.

Info Center

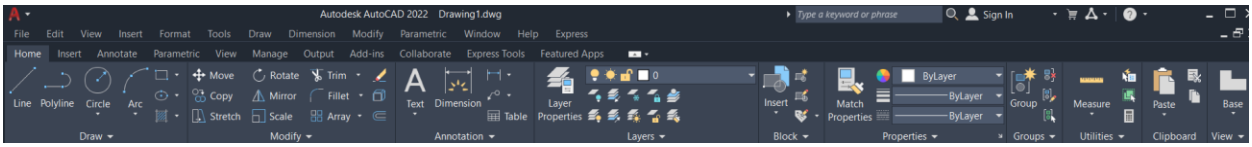


Quickly search for a variety of information sources, access product updates and announcements, and save topics with InfoCenter.

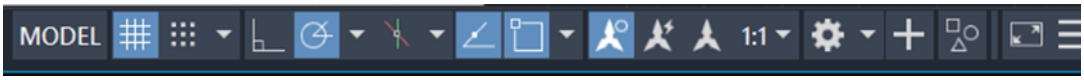
Ribbon

The ribbon provides a single, compact placement for operations that are relevant to the current workspace. It eliminates the need to display multiple toolbars, reducing clutter in the application window. The ribbon maximizes the area available for work using a single compact interface.

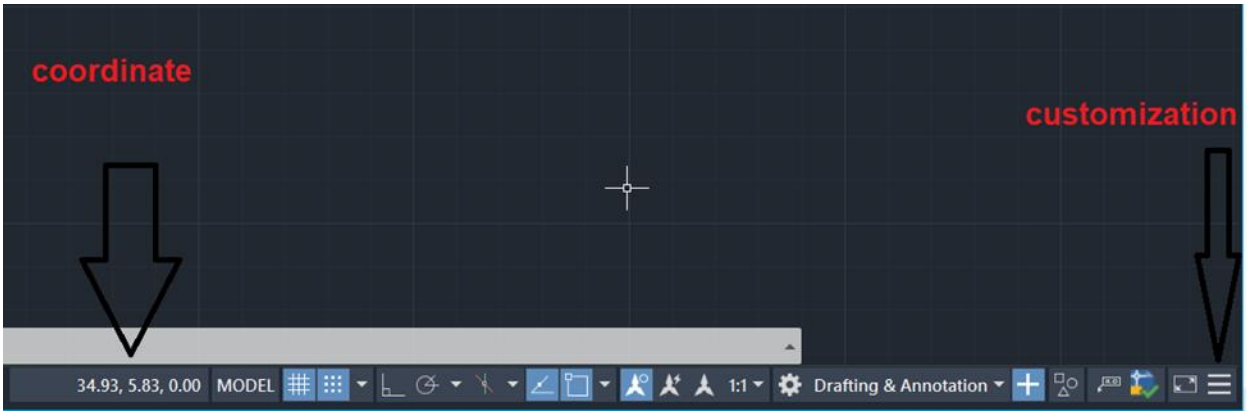
The ribbon can be displayed horizontally, vertically, or as a floating palette. The horizontal ribbon is displayed at the top of the drawing window by default when you create or open a drawing. You can create your own panels to display on the ribbon; you can also modify the commands and controls on existing ribbon panels.



Some orders like model ,snap grid , their setting ,orthogonal ,polar tracing ,isometric tracing ,workspace switching and their setting are placed in the lower left of the screen as shown below in the status window shown below



To Show coordinate of the mouse cursor in the status window go to customization > coordinate



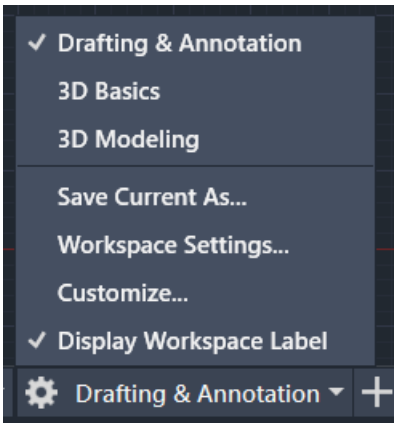
Workspaces

You can switch between the workspaces from the menu browser.

1. Click the Workspace switching icon in the lower left corner of the screen.

2. Click on one of the following workspace options

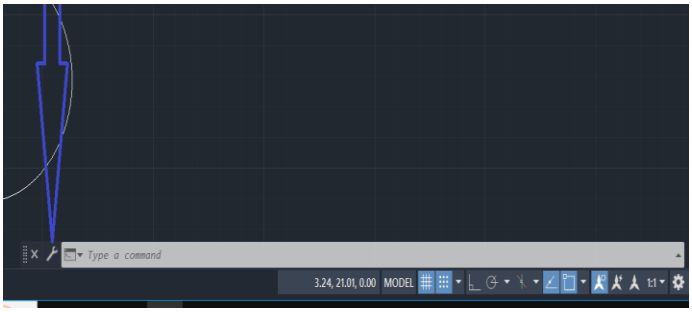




Function Keys and Accelerator Keys

F1	Displays Help
F2	Toggles Text Window
F3	Toggles OSNAP
F4	Toggles TABMODE
F5	Toggles ISOPLANE
F6	Toggles UCSDETECT
F7	Toggles GRIDMODE
F8	Toggles ORTHOMODE
F9	Toggles SNAPMODE
F10	Toggles Polar Tracking
F11	Toggles Object Snap Tracking
F12	Toggles Dynamic Input

To customize the number of previous order clik on the screw driver shown in fig



Choose line of prompt history and write the number of line that will be shown in screen