PRESENTATION ON AUTOCAD

AutoCAD

AUTOCAD

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MOTIVATION

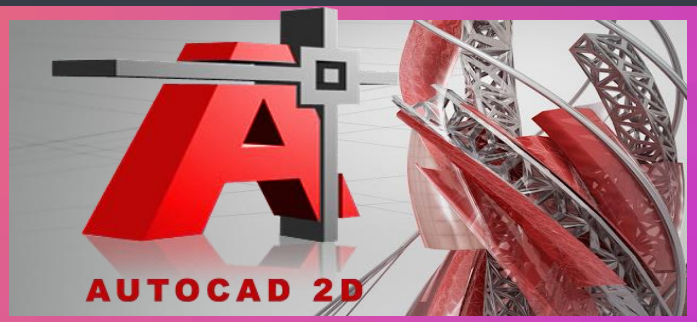
AUTOCAD ,it is a software where we can use our skills for designing tools and machinery and also in the drafting.

We can design all types of buildings, from small residential types (houses) to the largest com mercial and industrial structures (hospitals and factories) ,animations and Also objects .

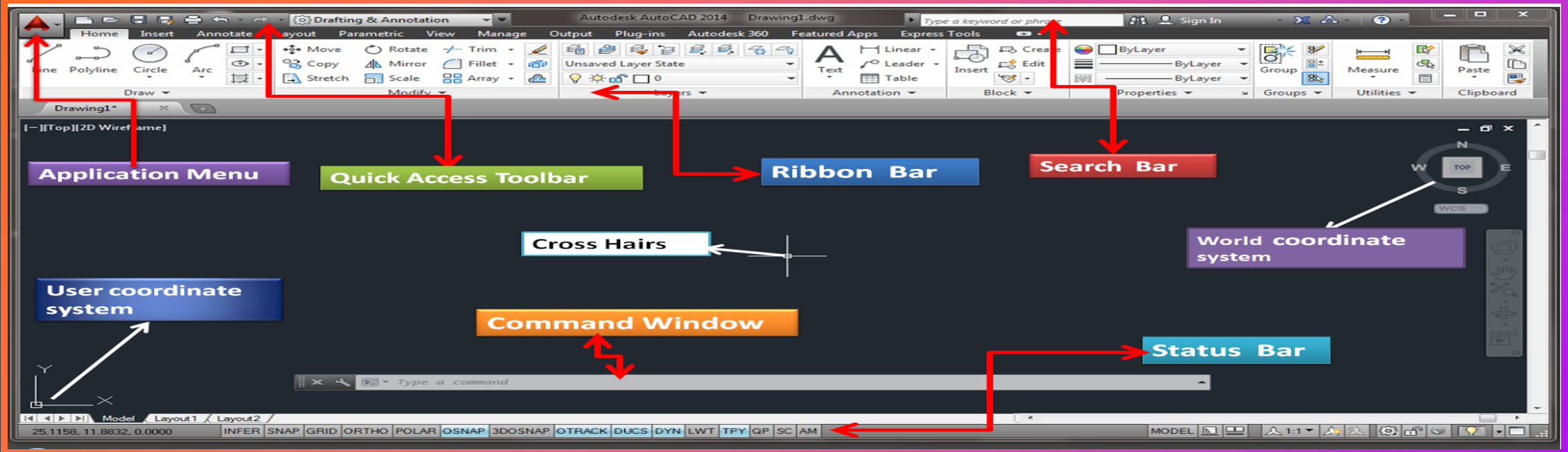
It enables designers to layout and develop work on screen, print it out and save it for future editing, saving time on their drawings with lot of commands.

HISTORY OF AUTOCAD

THIS AUTOCAD SOFTWARE WAS FIRST LAUNCHED BY AUTODESK SOFTWARE COMPANY[JOHN WALKER] IN DEC.1982 R1 IS THE FIRST VERSION.



IT IS A COMPUTER-AIDED SOFTWARE PROGRAM CREATED BY AUTODESK THAT ENABLES DRAFTERS, ARCHITECTS, ENGINEERS, AND OTHER EXPERIENCED PROFESSIONALS TO CREATE TWO D IMENSIONAL AND THREE-DIMENSIONAL MODELS OF SOLID SURFACES AND MESHES.



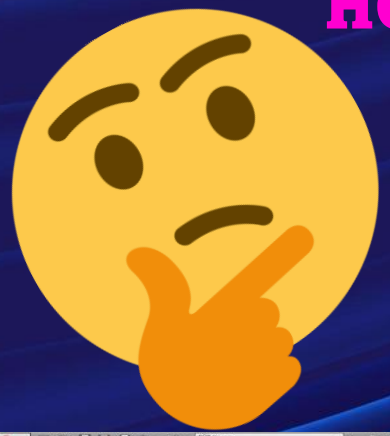
FEATURES OF AUTOCAD

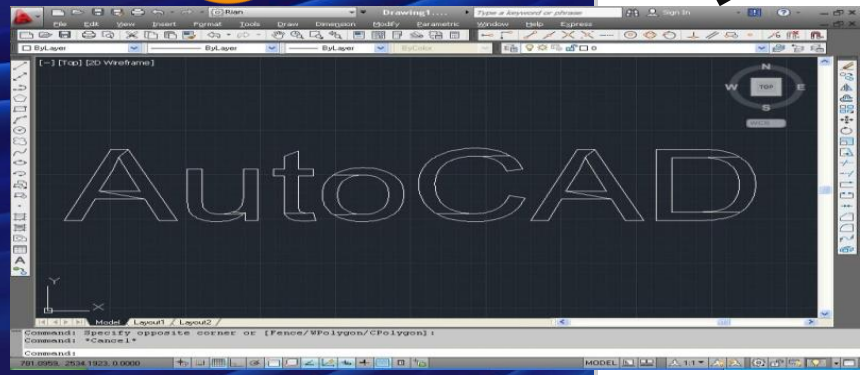
- Edit and create drawings online
- Intuitive user interface
- Trace
- Share
- Autodesk and cloud storage
- Command line
- Layers
- Measurements and dimensions
- Object grips
- Blocks
- External references

- While doing several programs and projects, programmers /engineers thought it is taking more time to draw so ,to shorten it auto cad software has been created.
- this AutoCAD was derived from a program& also referred to in early Autodesk documents as MicroCAD
- After a longtime AUTOCAD software has been launched to share all kinds of architectural planning and Engineering Drafting ,artworks, infrastructure designs and to use as education purpose.

WHAT IS THE PURPOSE OF CREATING AUTOCAD SOFTWARE ???

HOW DOES AUTOCAD WORK?





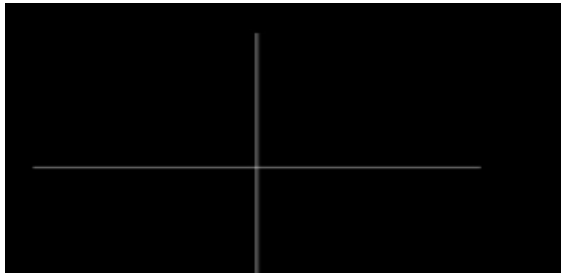
FLOWCHART

Create new sheet set

- Organize sheets
- Access sheets
- Import existing layouts
- Plot using default page setups
- Publish to DWF
- Create archive/transmittal sets
- Using named sheet selections

Assign sheet set properties

- Plot using any page setup
- Create new sheets
- Create sheet views
- Add view labels

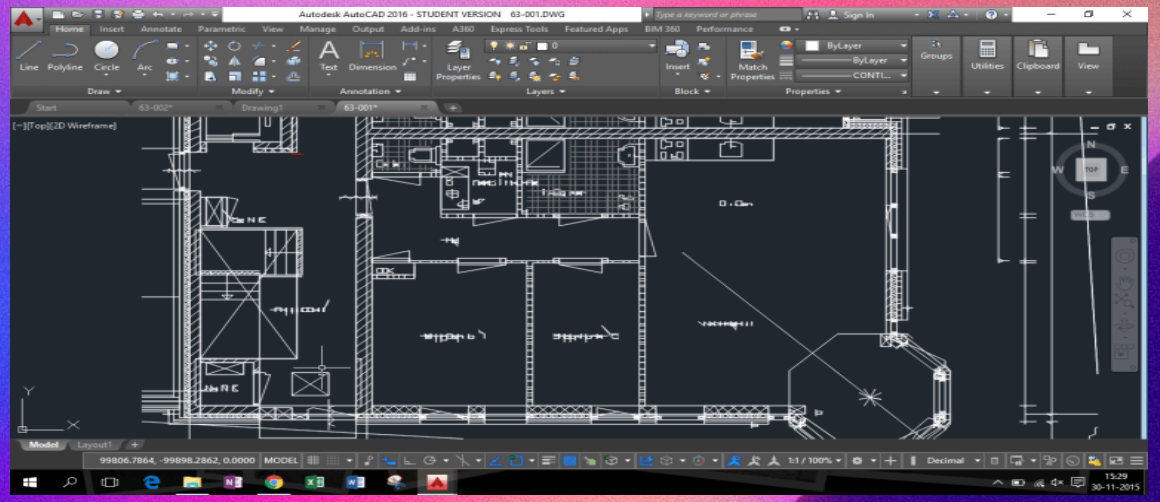


Create fields

- Automate view label data
- Automate callout data

ADVANTAGES OF AUTOCAD

- Quickly creates designs
- Improves quality over hand drafting
- Easily modify
- Accuracy & easy to transfer
- Time saving
- Database for manufacturing
- Commands
- Image tracing feature
- Apply Point Clouds
- Better designs can be evolved
- Low wastage in drawing



CONCLUSION

- **The use of the import function in Auto CAD definitely has some advantages. It can help to reduce the time it takes to produce the drawings needed in the work environment.**
- ALSO KNOW THAT, BY USING AUTOCAD SOFTWARE WE CAN CREATE OUR OWN DESIGNS NOT ONLY BUILDINGS EVEN CARS,BIKES,COMPANY LOGOS,…….

THANK YOU
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