



Green University of Bangladesh
Department of Computer Science and Engineering (CSE)
Faculty of Sciences and Engineering
Semester: (Fall, Year:2023), B.Sc. in CSE (Day)

Lab Report NO # 03
Course Title: Engineering Drawing
Course Code: CSE 208 Section: D3

Lab Experiment Name: Introduction to 3D Drawing using AutoCAD

Student Details

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Lab Date : 25/11/2023
Submission Date : 29/11/2023
Course Teacher's Name : Mohammad Ehsan Shahmi Chowdhury

Lab Report Status	
Marks:	Signature:
Comments:	Date:

1. TITLE OF THE LAB REPORT EXPERIMENT

Introduction to 3D Drawing using AutoCAD

2. OBJECTIVES/AIM

- To familiarize with Engineering Drawing and AutoCAD.
- To implement 3D drawing circles, rectangle and triangle

3. PROCEDURE

Drawing 1 : rectangle

Detailed steps to draw Drawing 1:

1. Firstly select the unit from the AutoCAD icon and select the unit length to engineering.

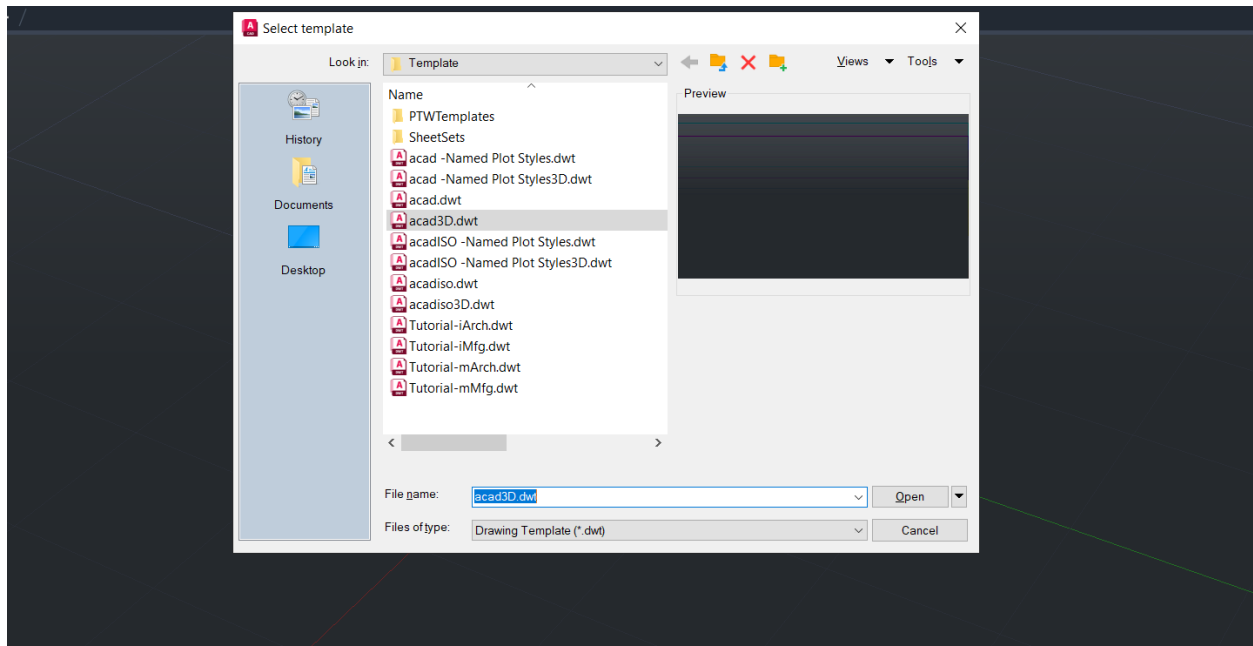


Figure: selecting file type to acad3D

2. Then select unit option from drawing utilities which is given below :

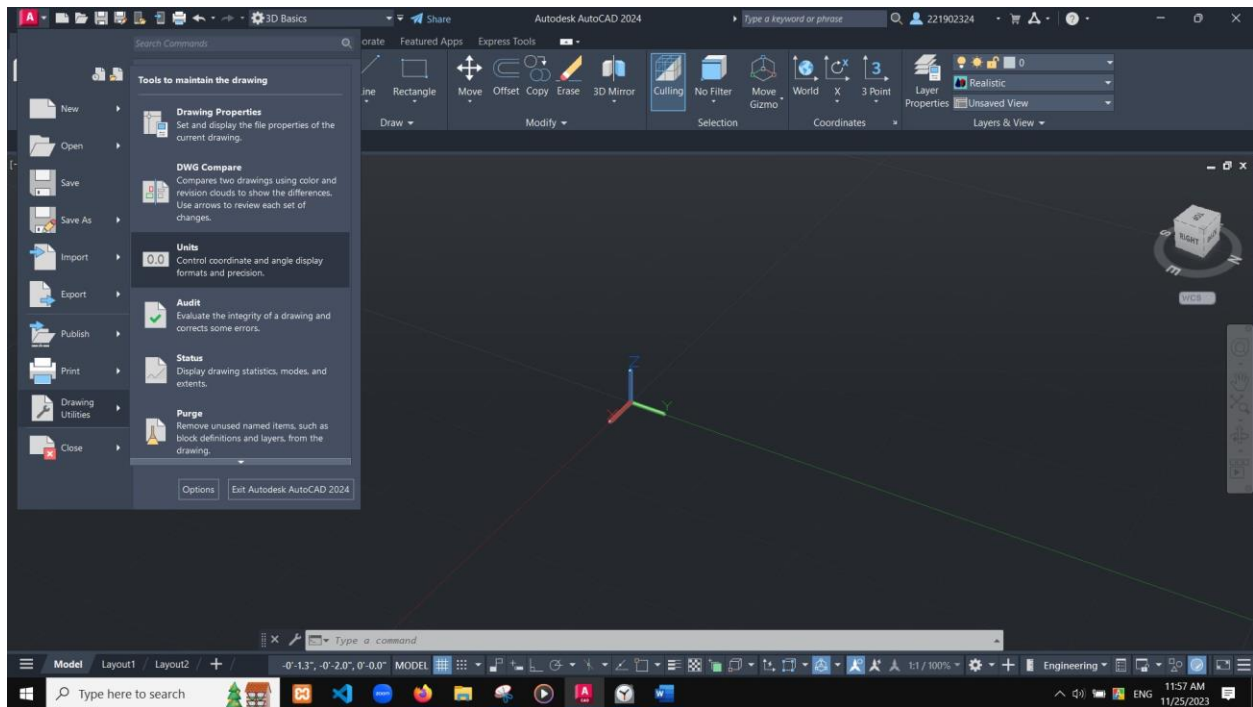
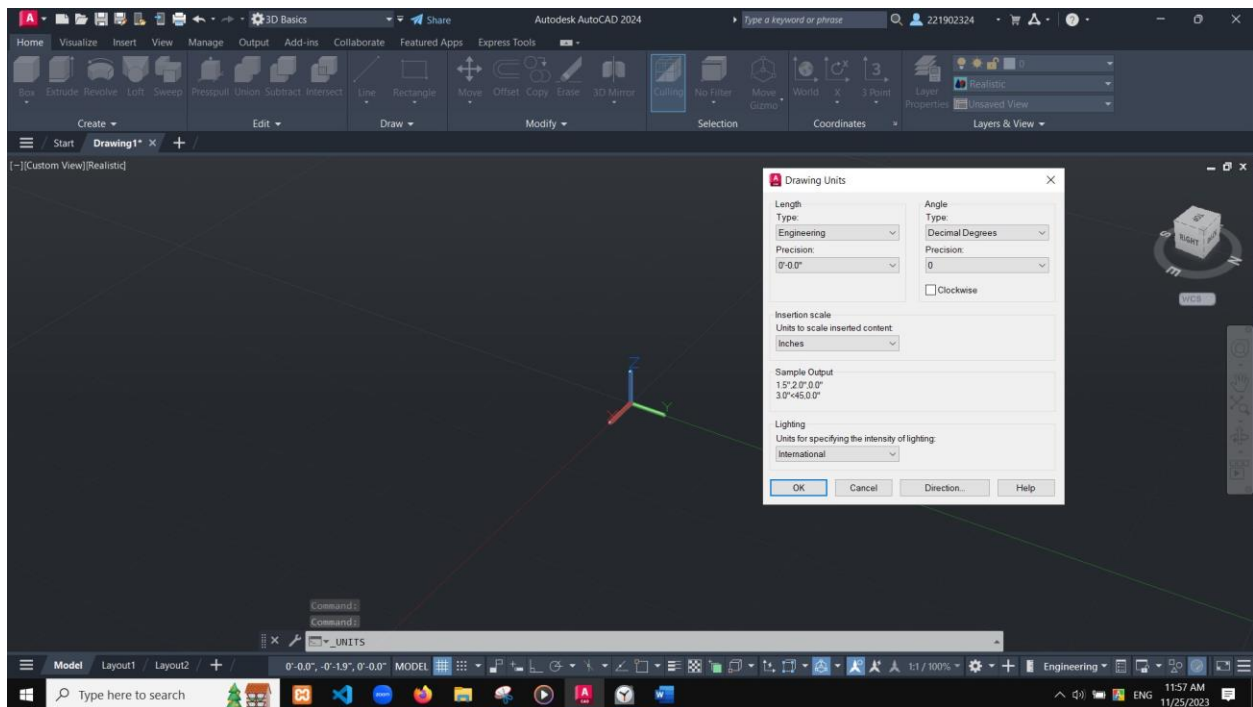


Figure 2: Drawing utilities



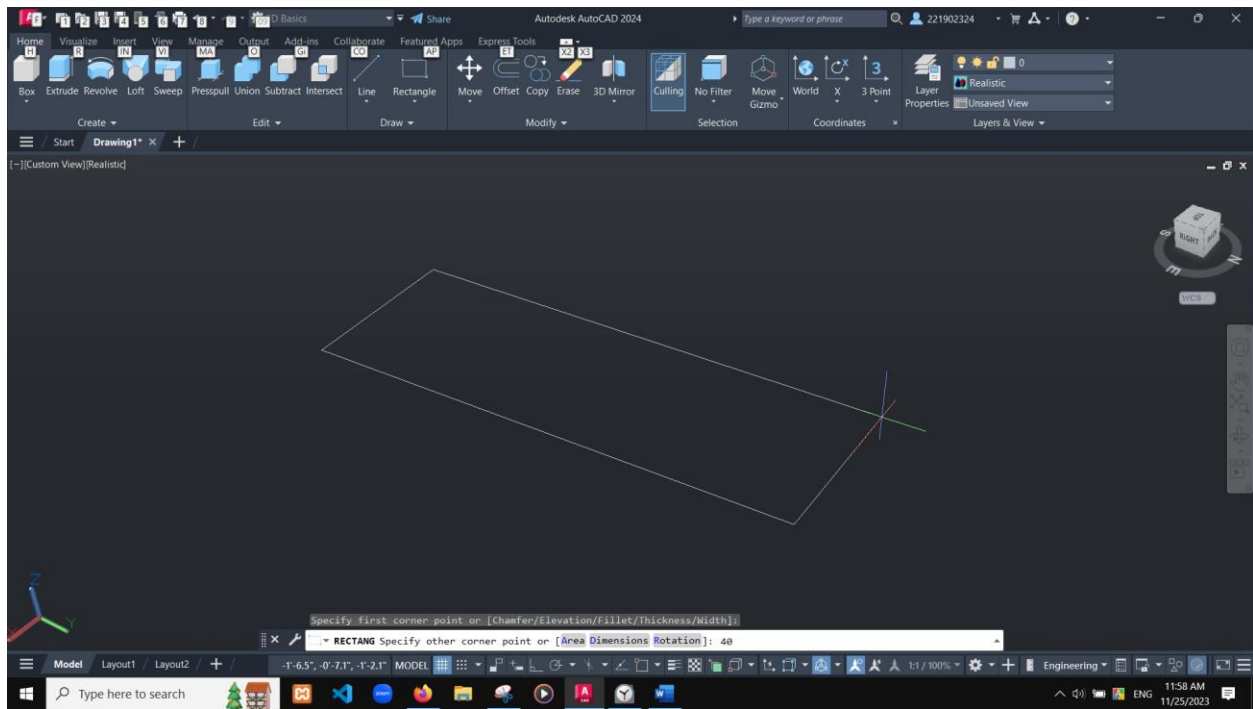


Figure: Rectangle(standard view)

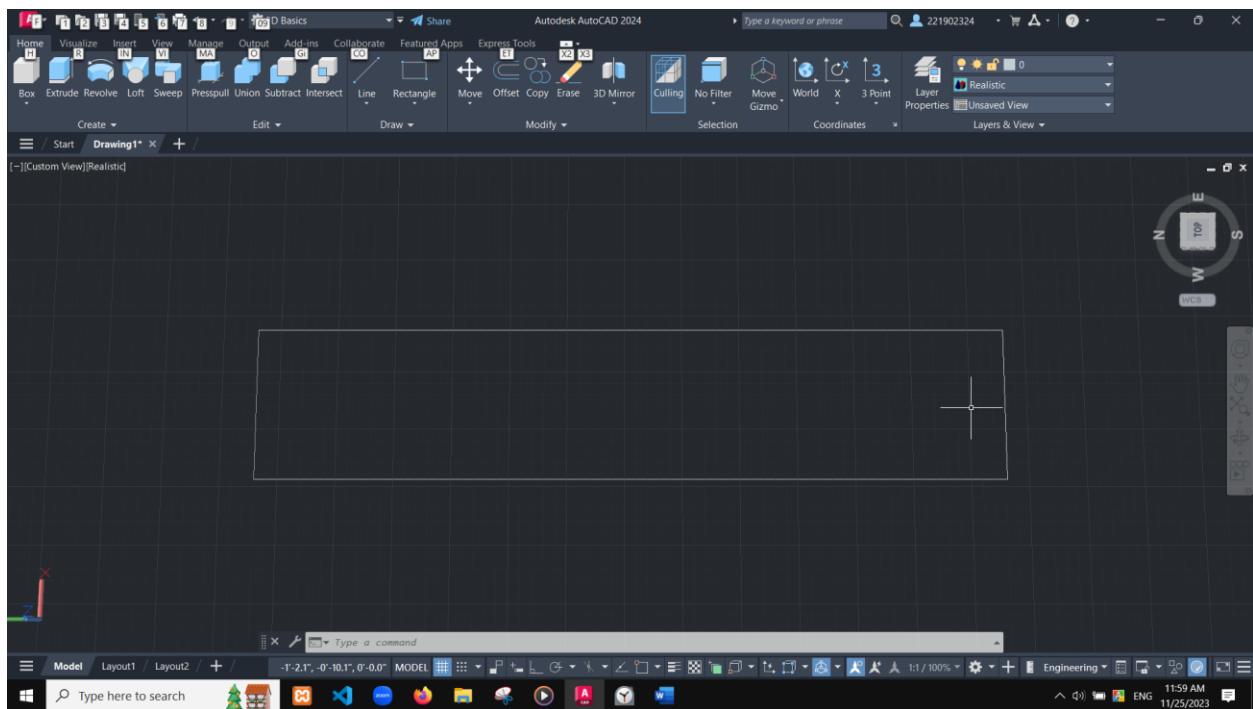
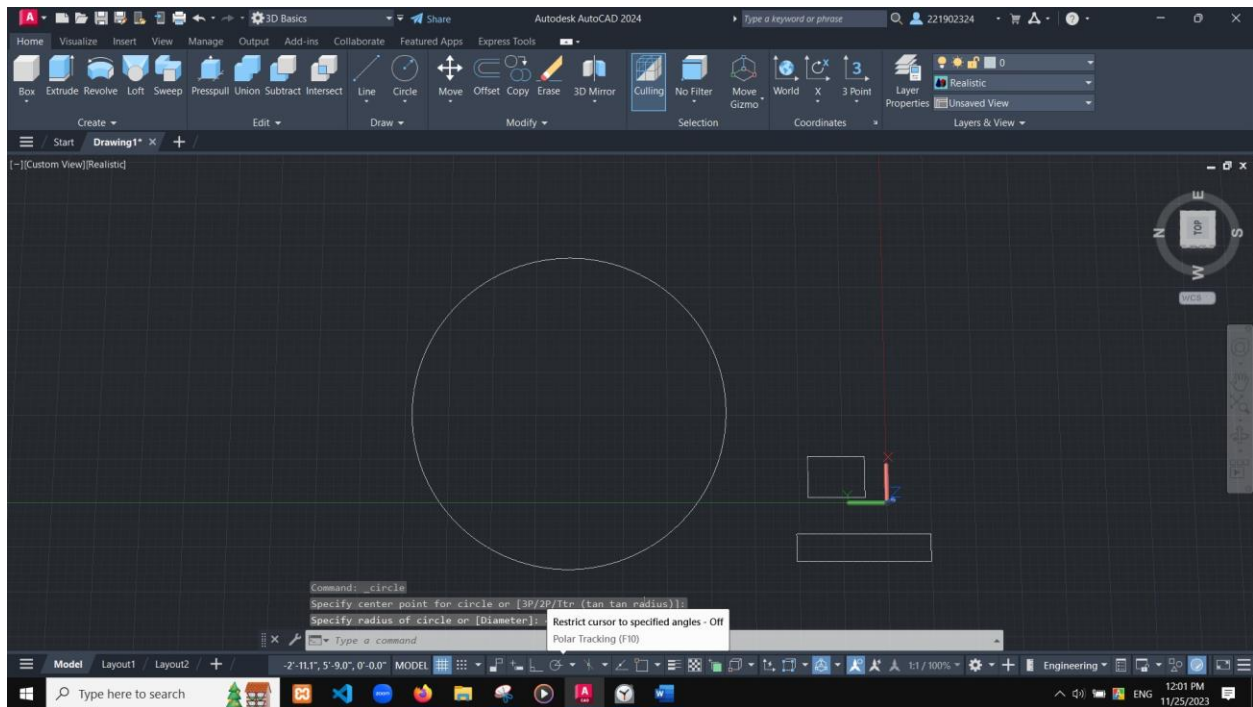


Figure: Rectangle (Top view)

- Belows are shapes that I tried including rectangle , circle and square

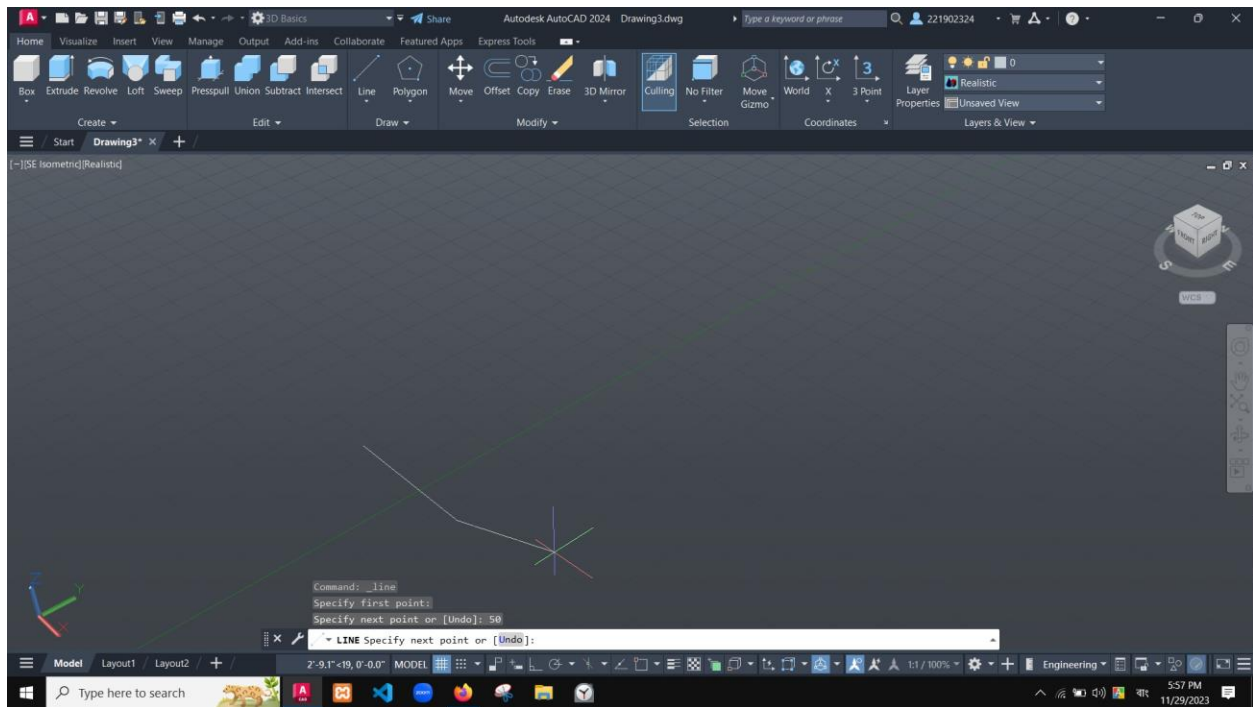


LAB SHEET 8B

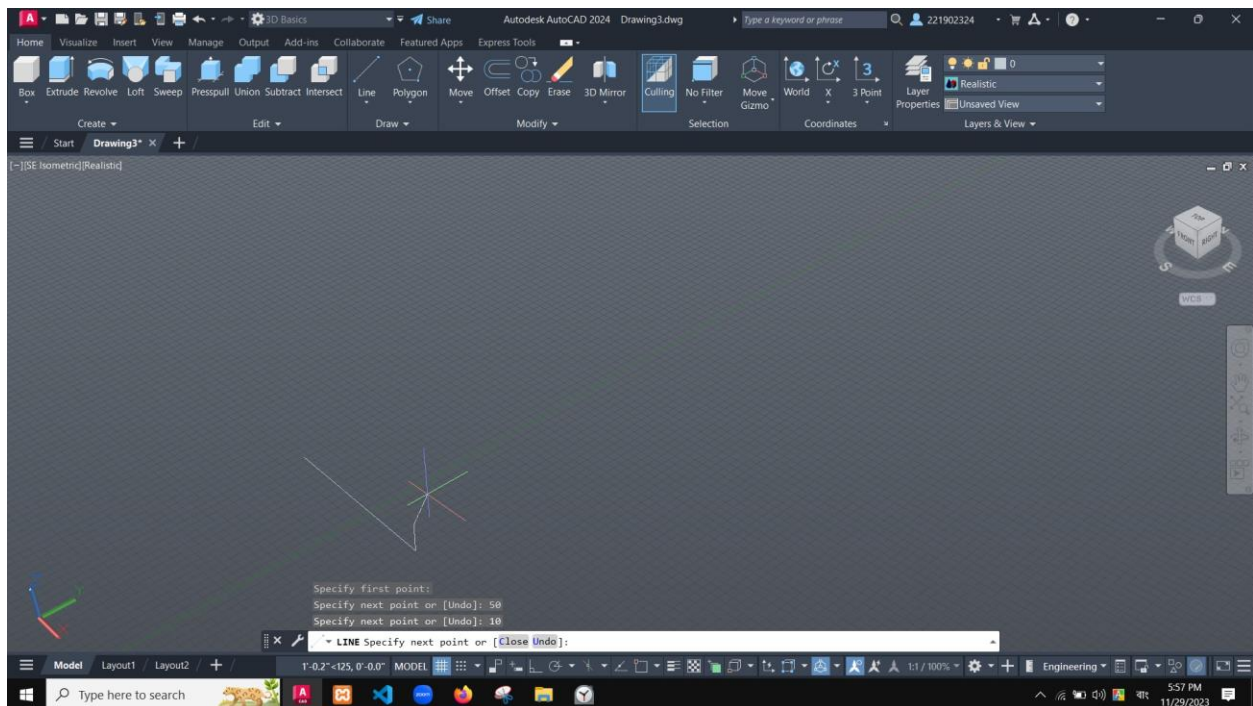
(drawing 2.1)

Procedure:

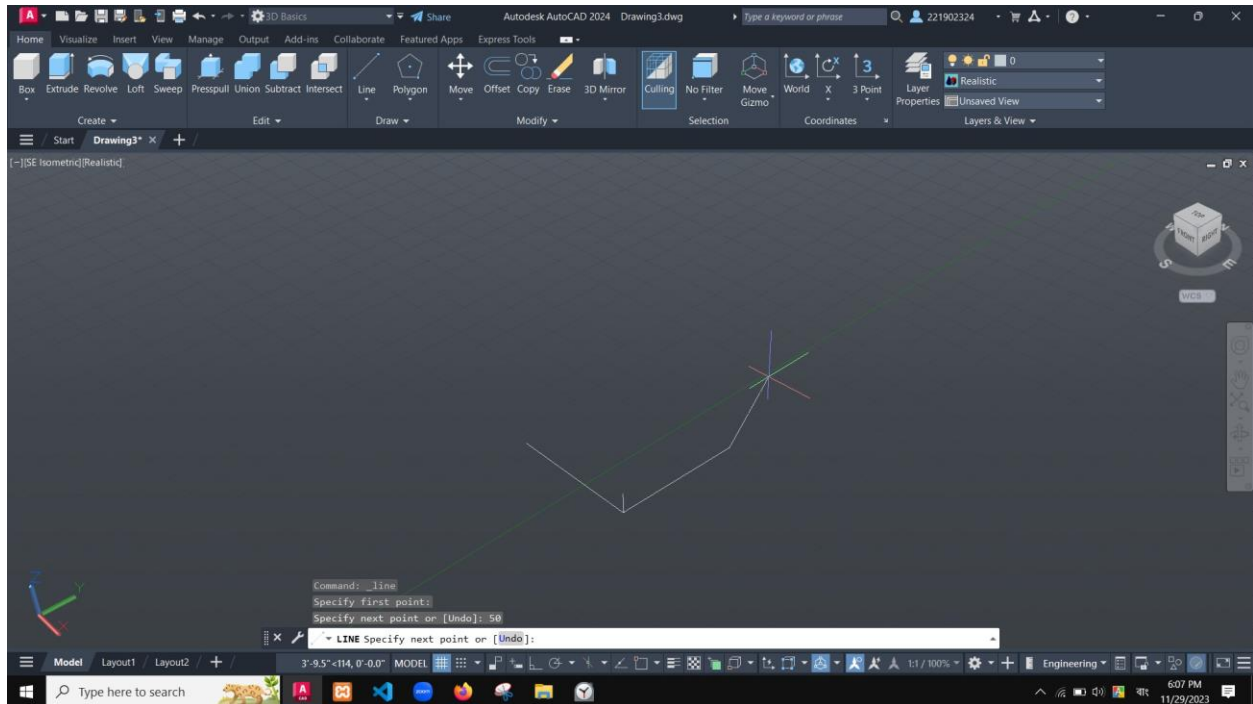
1. Draw line , which is units of 50

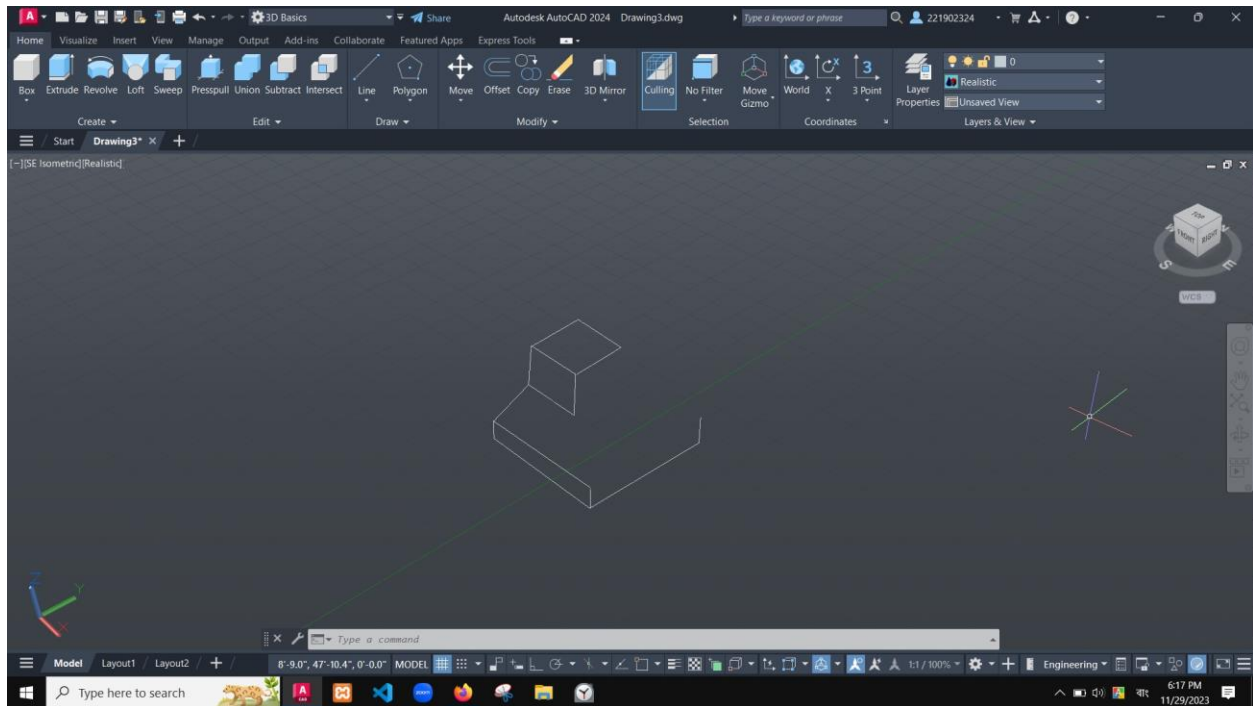
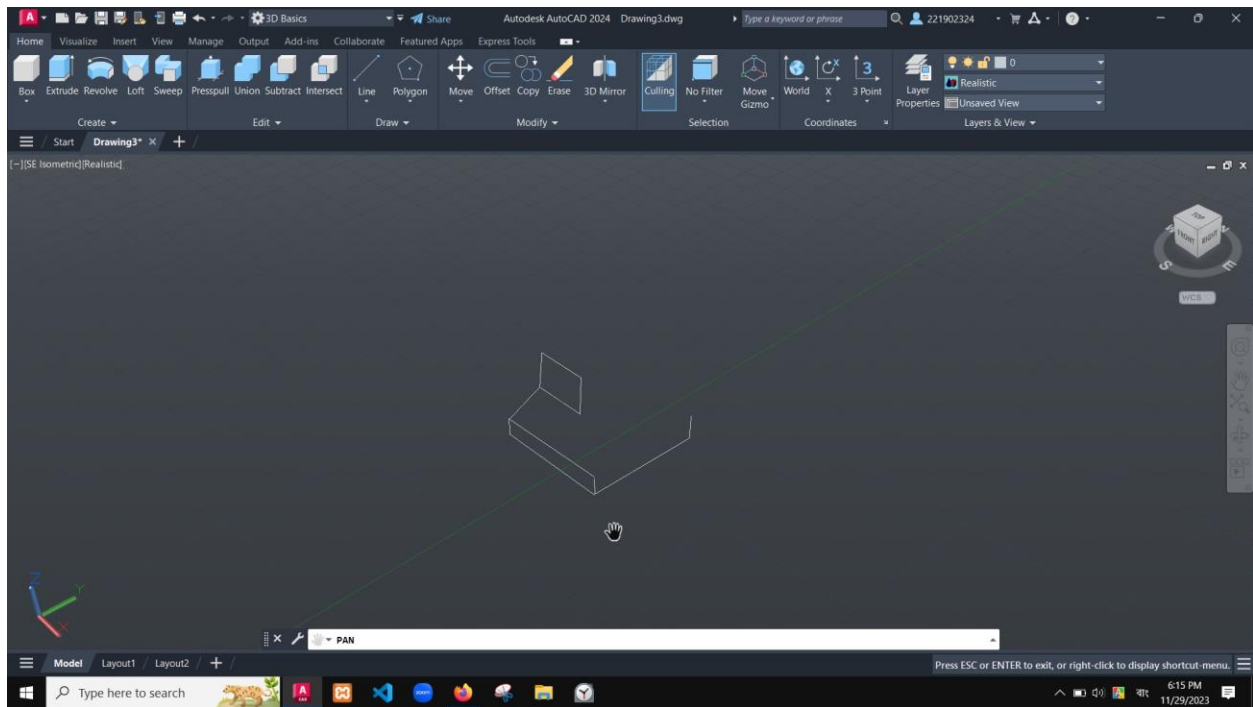


2. Now draw the second line which is 15 unit

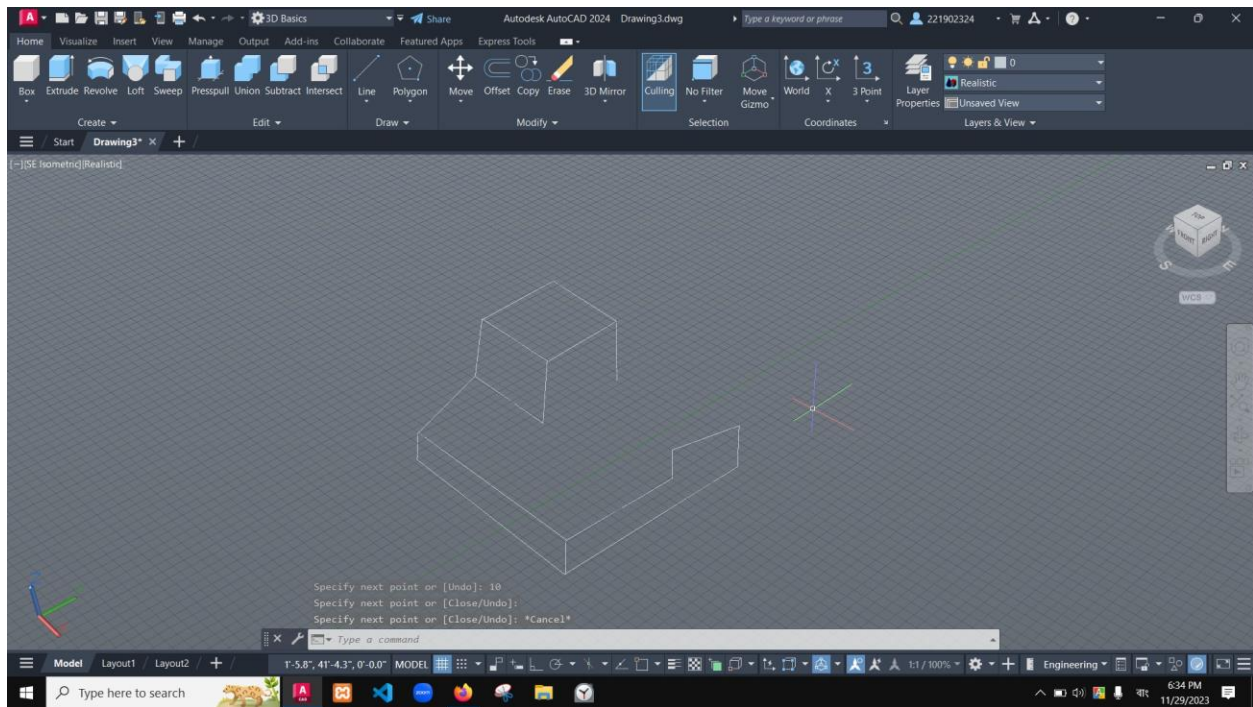


3. Now draw the second line which is 50 unit.

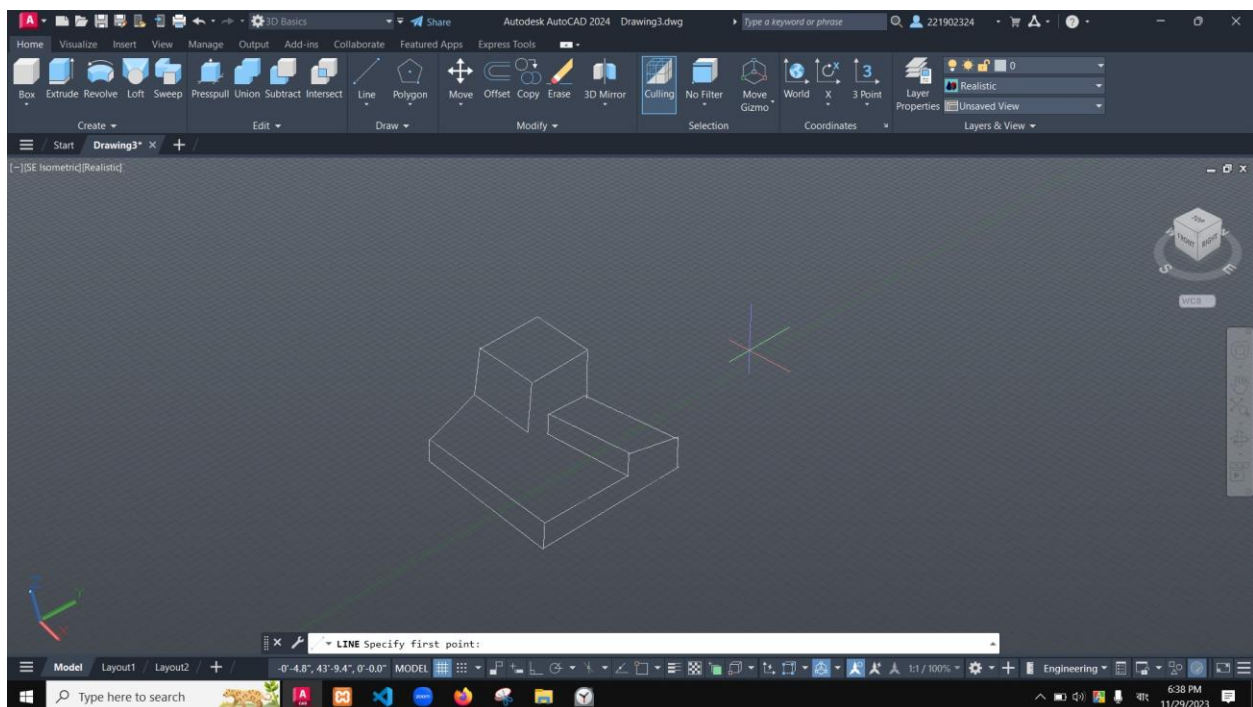




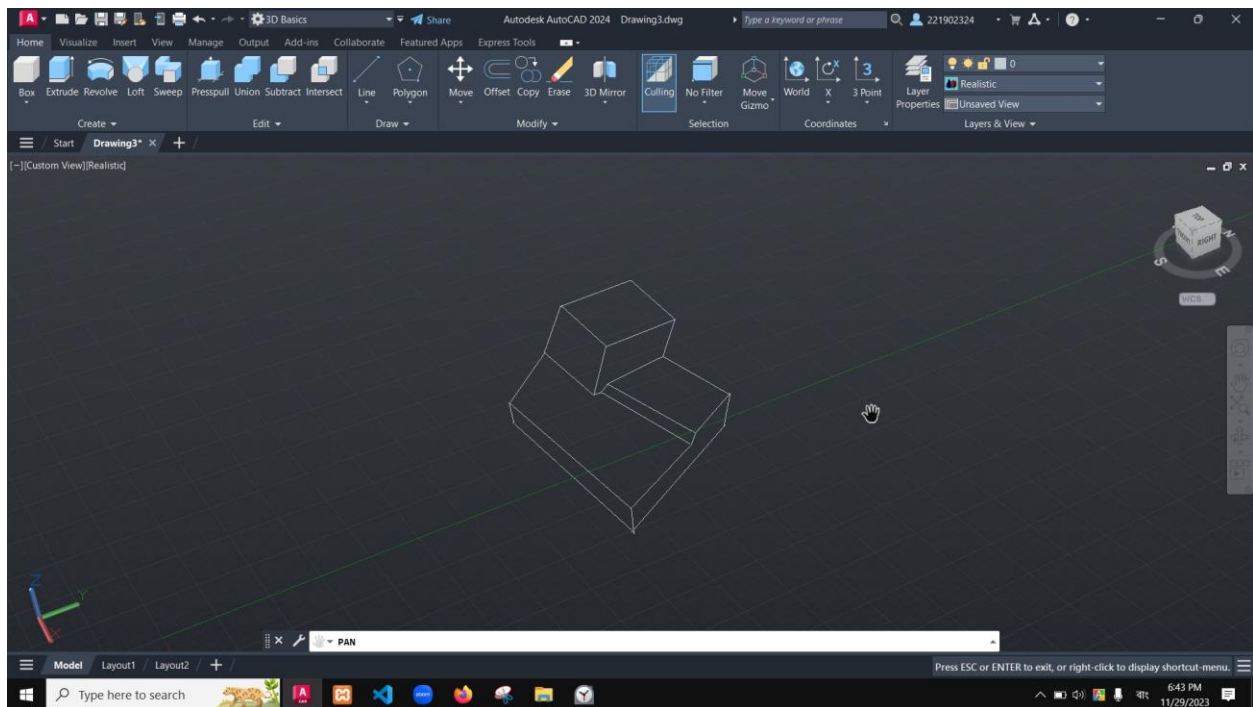
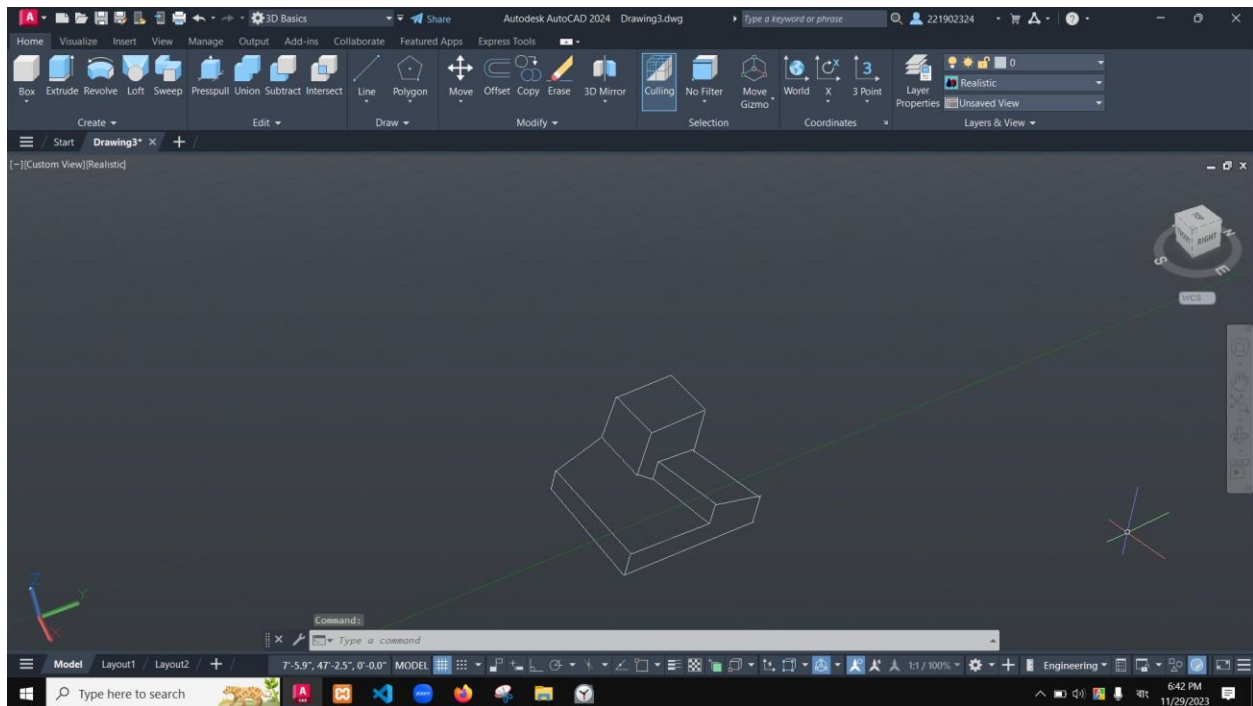
4. To undo the previous steps without exiting the PRESS/PULL command, enter ctrl+u (Undo).



5 . When need using the erase tool.



Different views of the drawing



ANALYSIS AND DISCUSSION

1. I like tools which are both friendly as well as sometimes difficult.
2. The tasks is time consuming.
3. After all, measuring and units were good enough to complete the task.
4. Sometimes the figure may not properly drawed due to measurement issues.