



Green University of Bangladesh

Department of Computer Science and Engineering (CSE)

Faculty of Sciences and Engineering

Semester: (Summer, 2021), B.Sc. in CSE (Day)

Course Title: Engineering Drawing
Course Code: CSE-208 Section: 193DB

Lab Project Name: Draw 2D floor planning 50*25 fit.

Student Details

Student Name	ID
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Submission Date : 06/09/2021
Course Teacher's Name : Mr. Abdullah Al Arif

Lab Project Status

Marks:

Signature:

Comments:

Date:

TITLE OF THE LAB EXPERIMENT: Draw 2D floor planning 50*25 fit.

OBJECTIVES:

1. The main aim is to analyze and design 2D floor plan by using the software Autocad.
2. It also enhances the ability to use the 2D drawing tools like polyline, trim, extend, mirror, circle etc.

PROCEDURE:

1.Tools:

- a. Move
- b. Copy
- c. Fillet
- d. Dimensions
- e. Trim
- f. Array

2.Design:

There is one floor in my 2D floor design. This floor has a living room, kitchen, laundry, toilet, bedroom, bath, study room, garrage. The overall floor dimension is 50*25 fit.

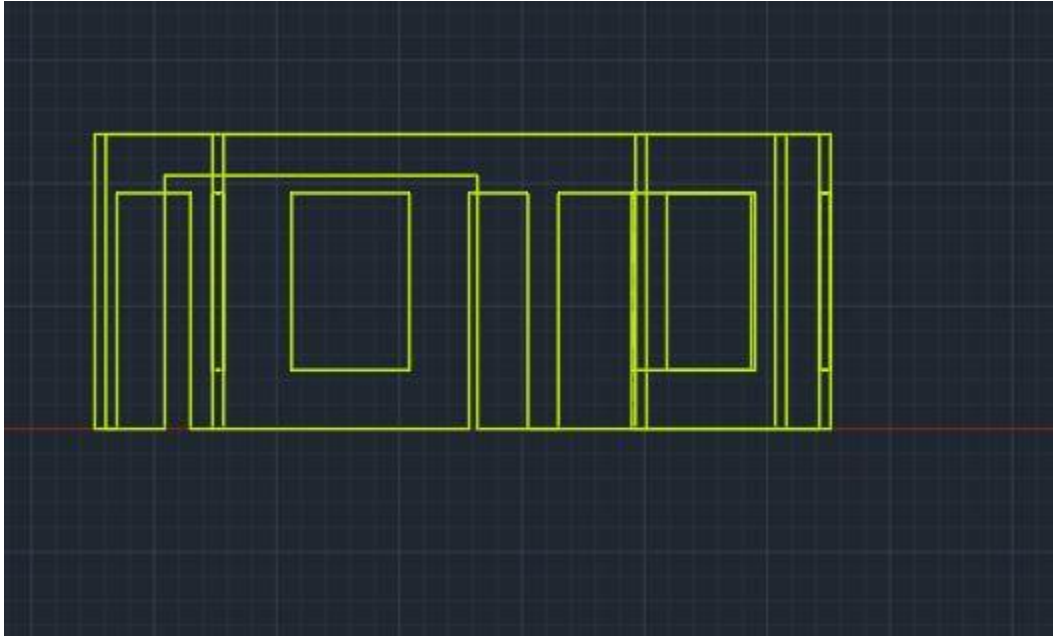
3.Measurement of the sections :

- a. Living room : 245'*235.5'
- b. kitchen : 91.5'*78'
- c. Laundry: 87'*88.5'
- d. Toilet : 36'*60'
- e. Bedroom :88.5'*70.5'
- f. Bath : 127.5'*72'
- g. Study room : 111'*162'
- h. Garrage : 175'*180'

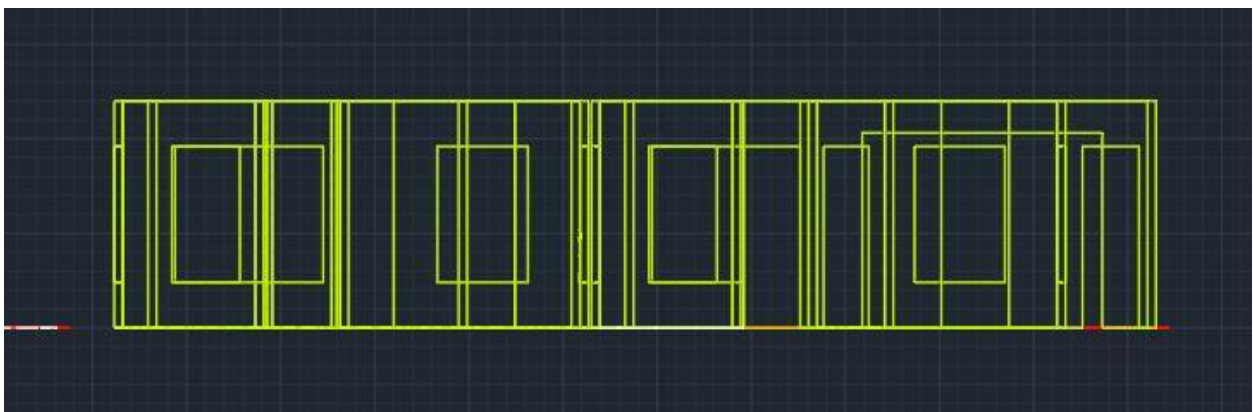
IMPLEMENTATION :

2D floor plan with different views are given below

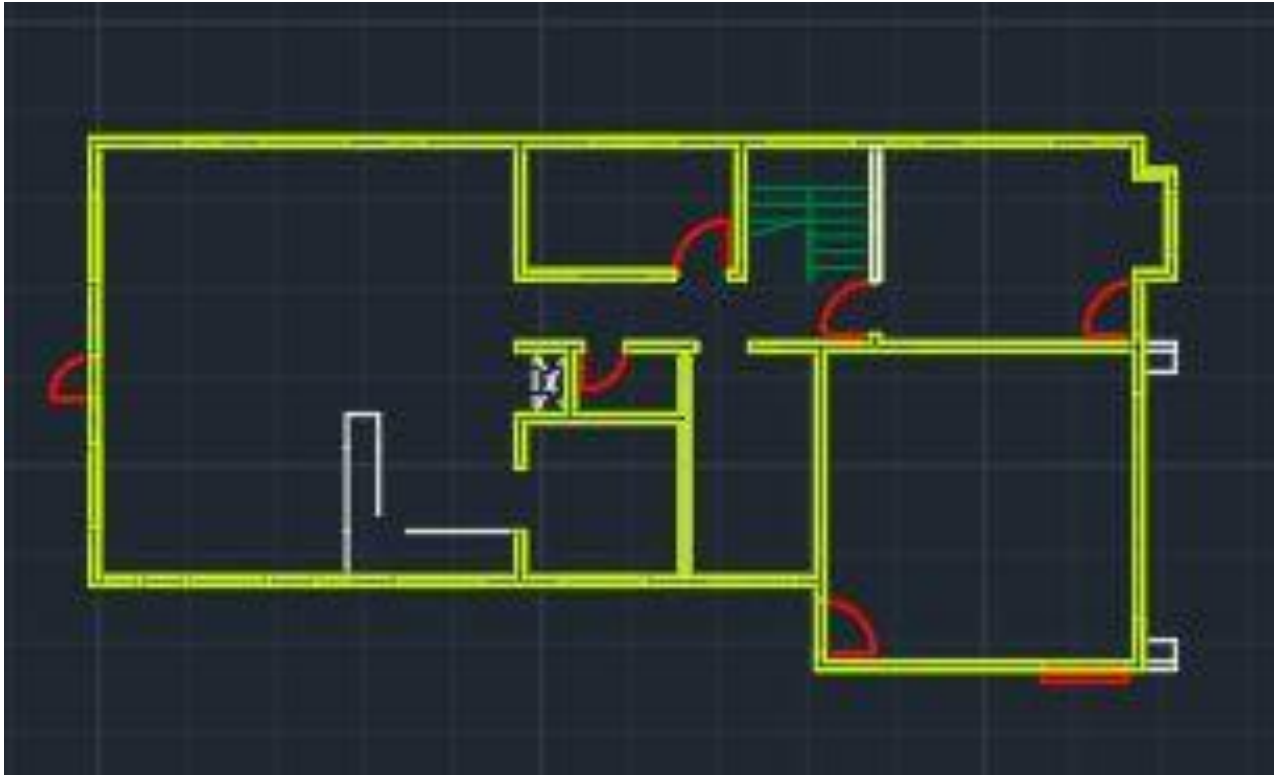
Front view:



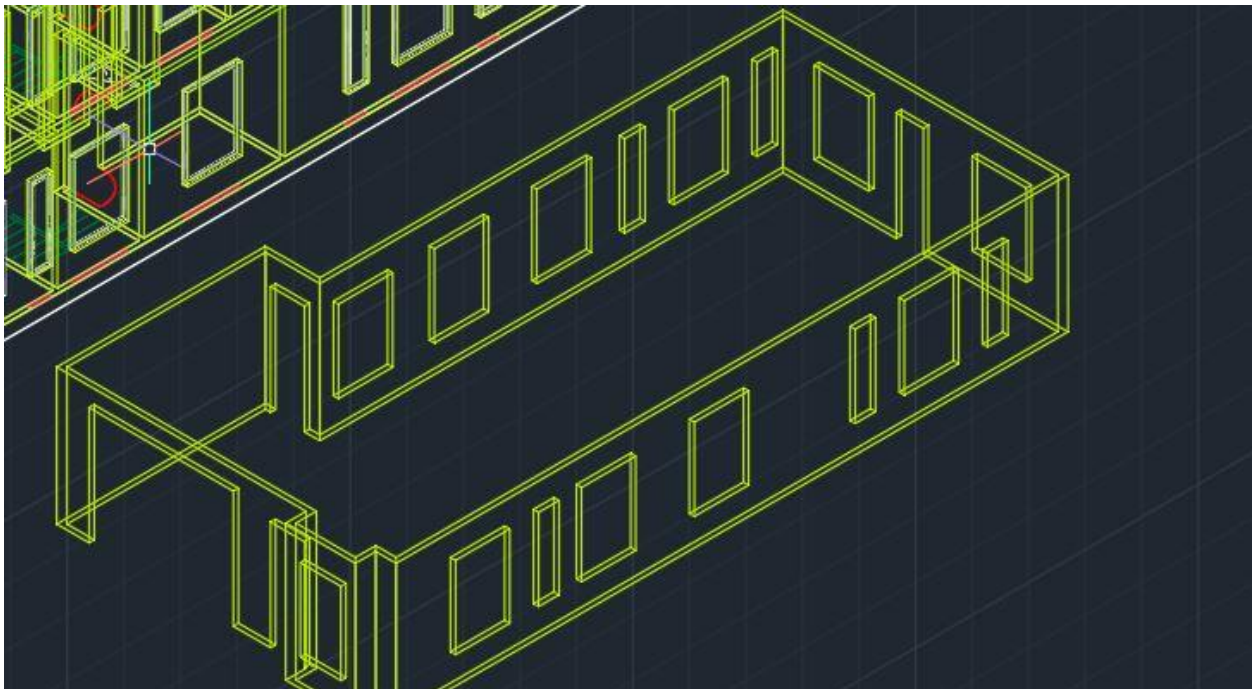
Back View:



Top View:



Se Isometric View:



RESULT:

I have successfully created the 2D floor plan and has shown the various views of the plan.

DISCUSSION:

1. Each measurements is taken very carefully.
2. Steps has been taken very carefully to draw the door of a room so that it fits perfectly.
3. Whole object is selected very carefully to copy an object before moving.
4. Each angle has been taken carefully to rotate an object.
5. To use the fillet tool, radius has been written first and then two corners has been selected carefully.