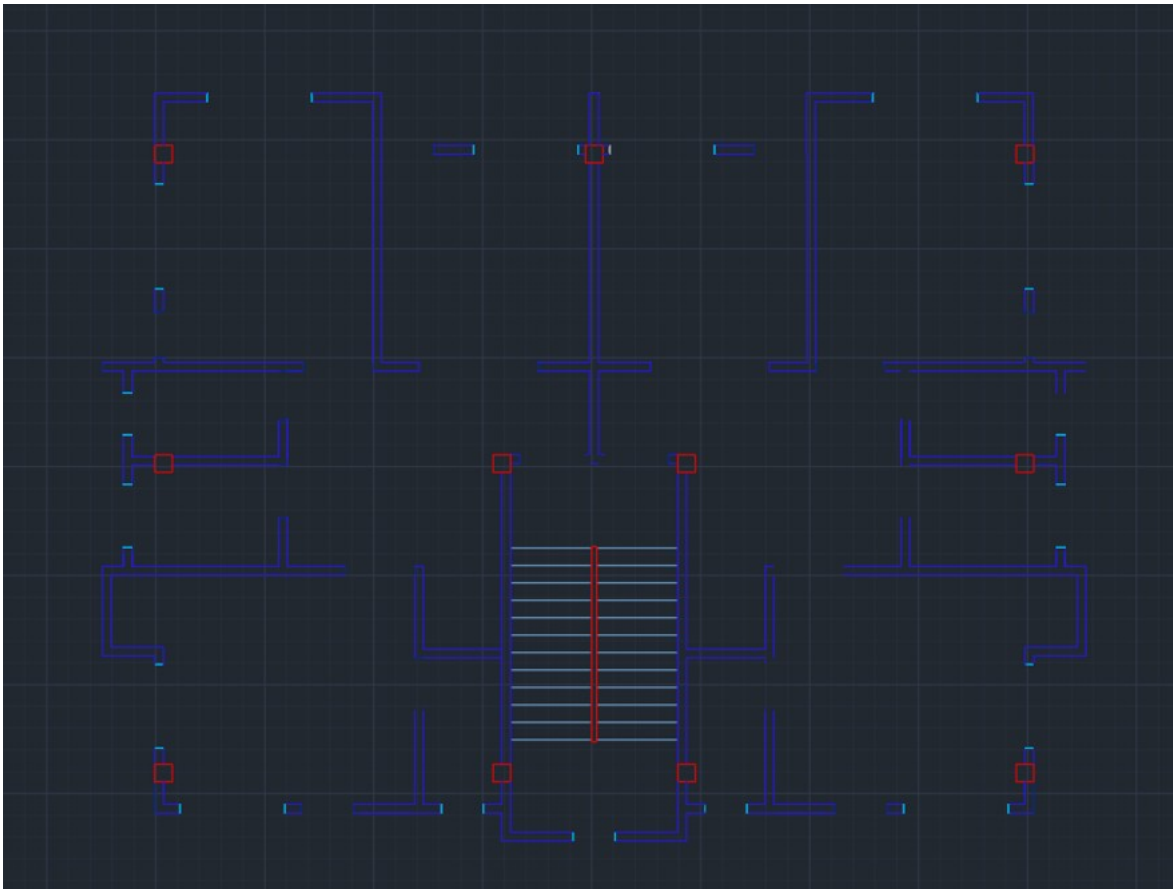
Experiment No : 01

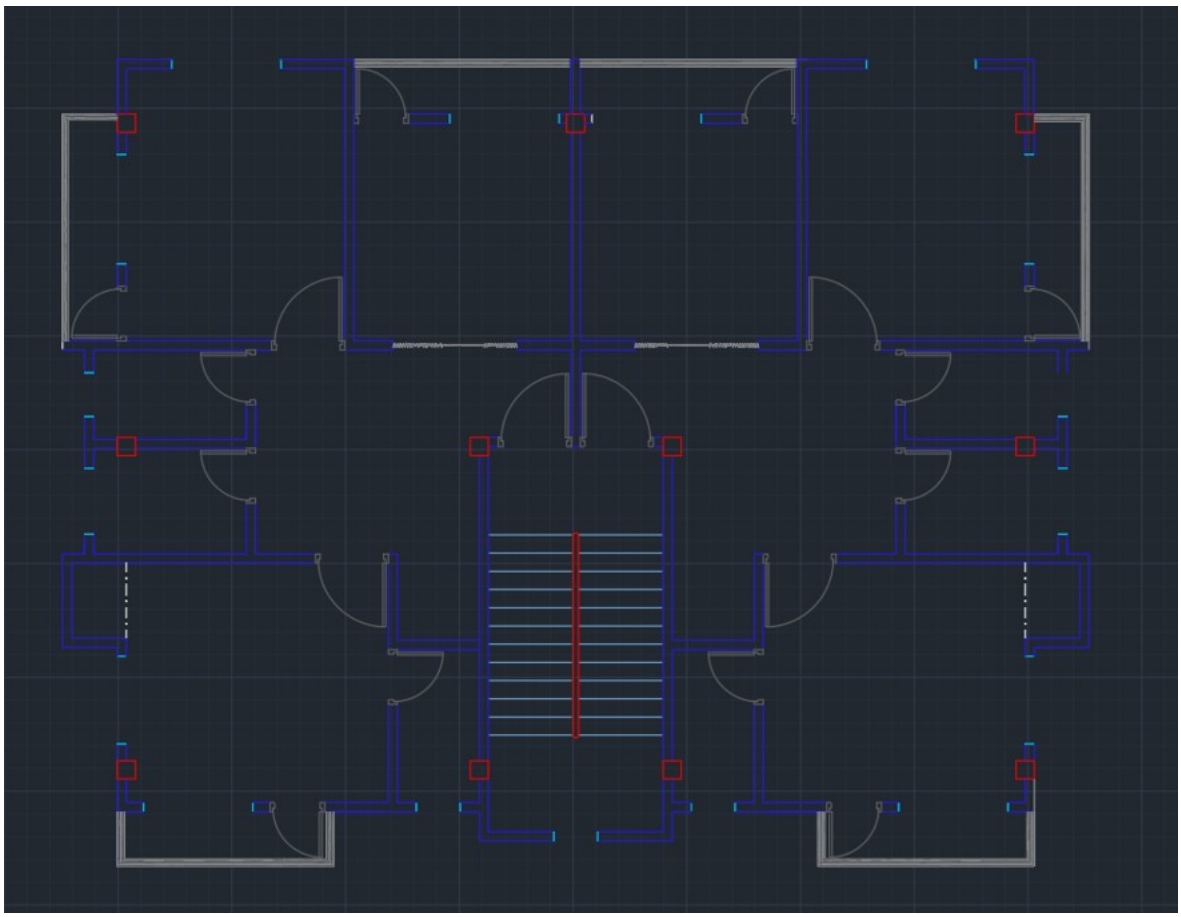
Experiment Name : Making a Floor Plan Using AutoCAD

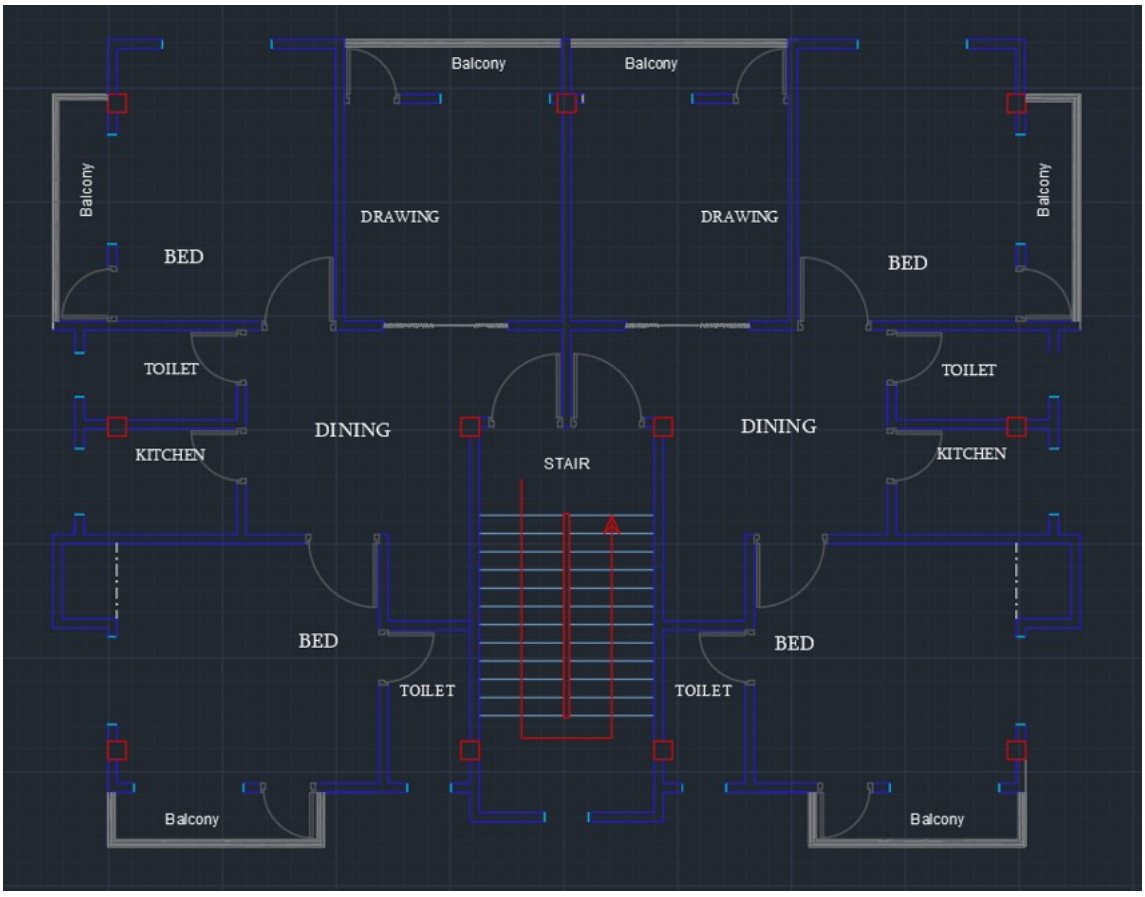
Details :

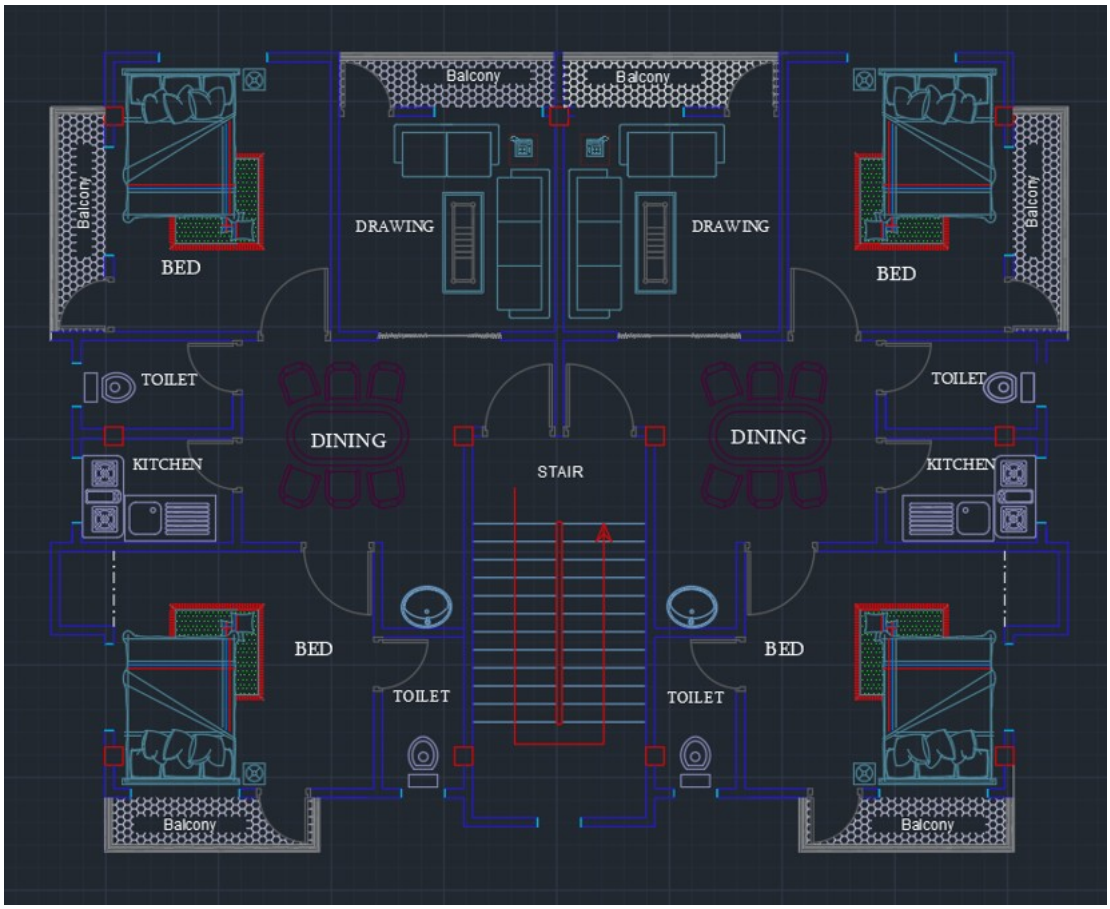
- 4 **Bedroom**
- **2 Kitchen**
- **2 Dining Room**
- **2 Drawing Room**
- **6 Belcony**
- **4 Toilet**
- **2 Store Room**

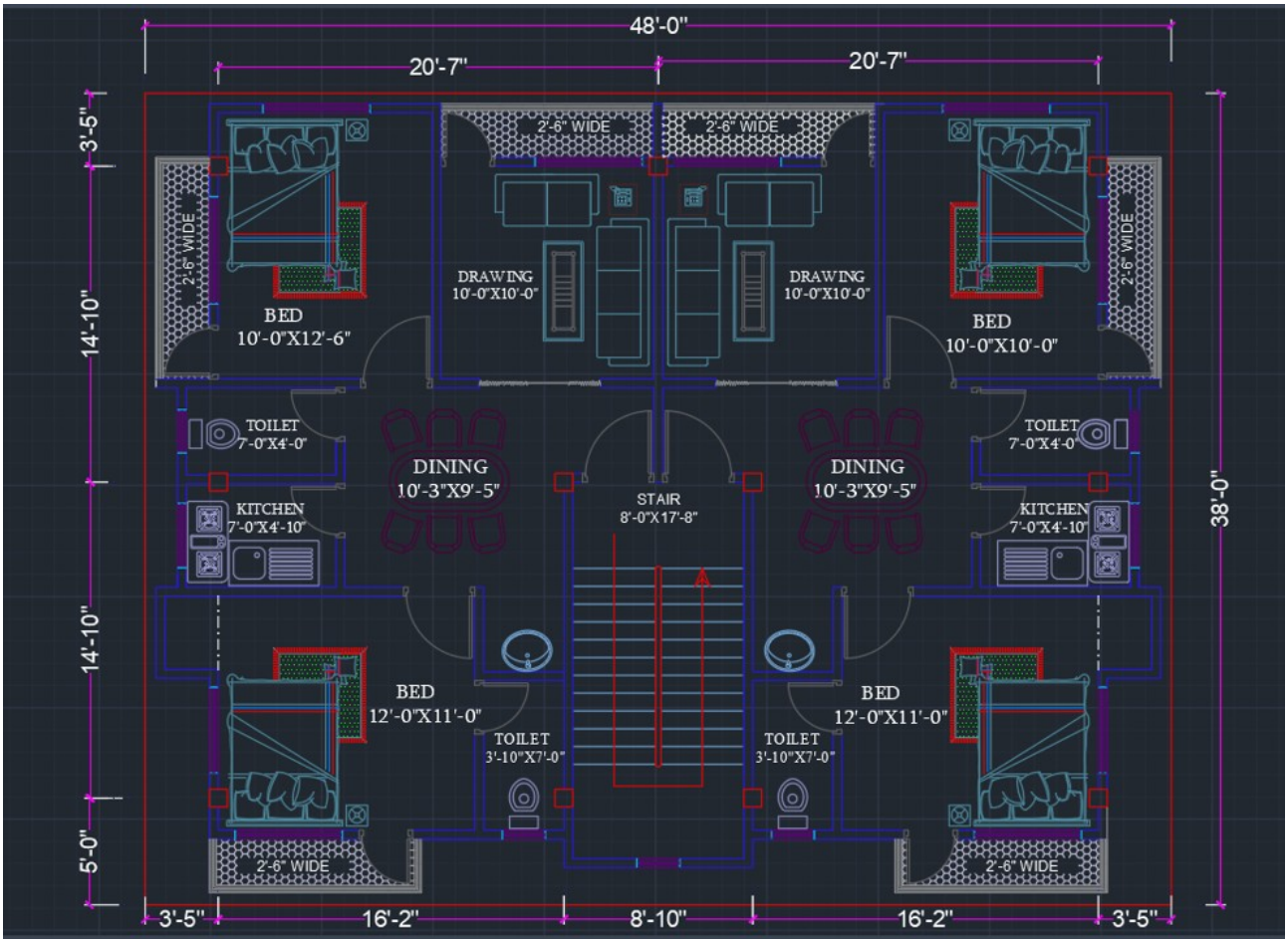
Flowchart :






Balcony
Balcony
Balcony
Balcony
DRAWING
DRAWING
BED
BED
TOILET
TOILET
DINING
DINING
KITCHEN
KITCHEN
STAIR
BED
BED
TOILET
TOILET
Balcony
Balcony


Balcony
Balcony
Balcony
Balcony
DRAWING
DRAWING
BED
BED
TOILET
TOILET
DINING
DINING
KITCHEN
KITCHEN
STAIR
BED
BED
TOILET
TOILET
Balcony
Balcony


48'-0"
20'-7"
20'-7"
3'-5"
14'-10"
14'-10"
5'-0"
38'-0"
2'-6" WIDE
2'-6" WIDE
2'-6" WIDE
2'-6" WIDE
DRAWING
10'-0"X10'-0"
DRAWING
10'-0"X10'-0"
BED
10'-0"X12'-6"
BED
10'-0"X10'-0"
TOILET
7'-0"X4'-0"
TOILET
7'-0"X4'-0"
DINING
10'-3"X9'-5"
DINING
10'-3"X9'-5"
STAIR
8'-0"X17'-8"
KITCHEN
7'-0"X4'-10"
KITCHEN
7'-0"X4'-10"
BED
12'-0"X11'-0"
BED
12'-0"X11'-0"
TOILET
3'-10"X7'-0"
TOILET
3'-10"X7'-0"
2'-6" WIDE
2'-6" WIDE
3'-5"
16'-2"
8'-10"
16'-2"
3'-5"

Procedure :

1. **Make a plan which I would like to draw in AutoCAT**
2. **Then use ractangle, line, circle etc. for draw the design.**
3. **Use trim tool to cut any extra line or shape that I don’t want to use in my drawing**
4. **Measure every room and make them as plan**
5. **Use some furniture to make those room beautiful**
6. **Make door and windows to add it whenever needed**
7. **Use hatch too for emerge my plan**

Experiment No : 02
Experiment Name : Making a Chair Using AutoCAD

Front View :

Top View :

Left View :

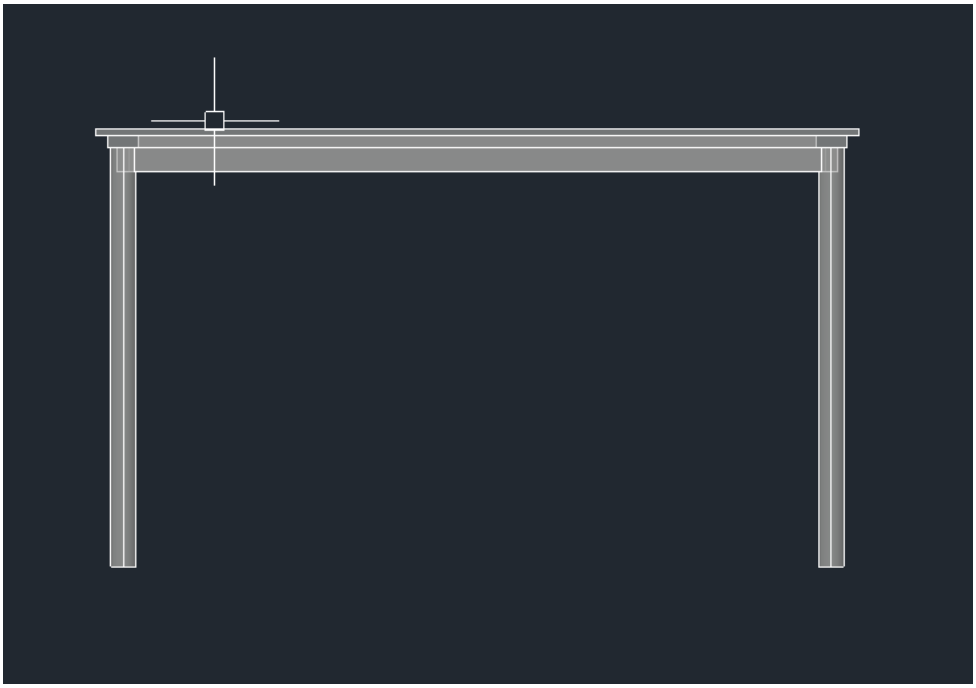
Right View :

Procedure :

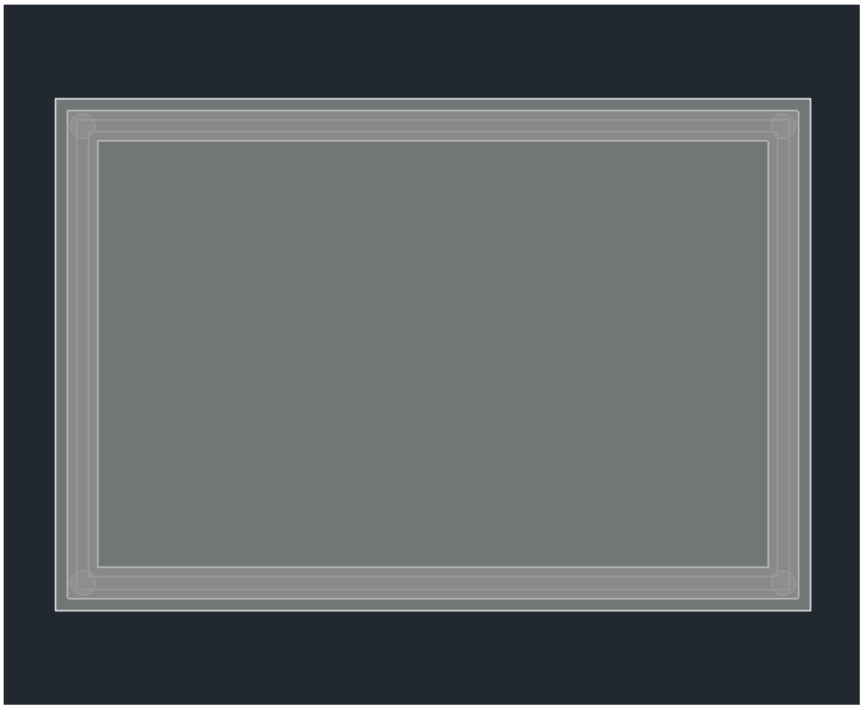
1. **Make a plan which I would like to draw in AutoCAD.**
2. **First er create a base for chair.**
3. **Then draw to top view for my chair.**
4. **Draw the front view for my chair.**
5. **Draw the Right view for my chair.**
6. **Draw the left view for my chair.**
7. **Use extrude(Solid) command to convert all view into 3D chair.**
8. **Use fillet to round some of my drawing point.**
9. **Use RMAT to open materials properties.**
10. **Finally, render chair**

Experiment No : 03
Experiment Name : Making a Table Using AutoCAD

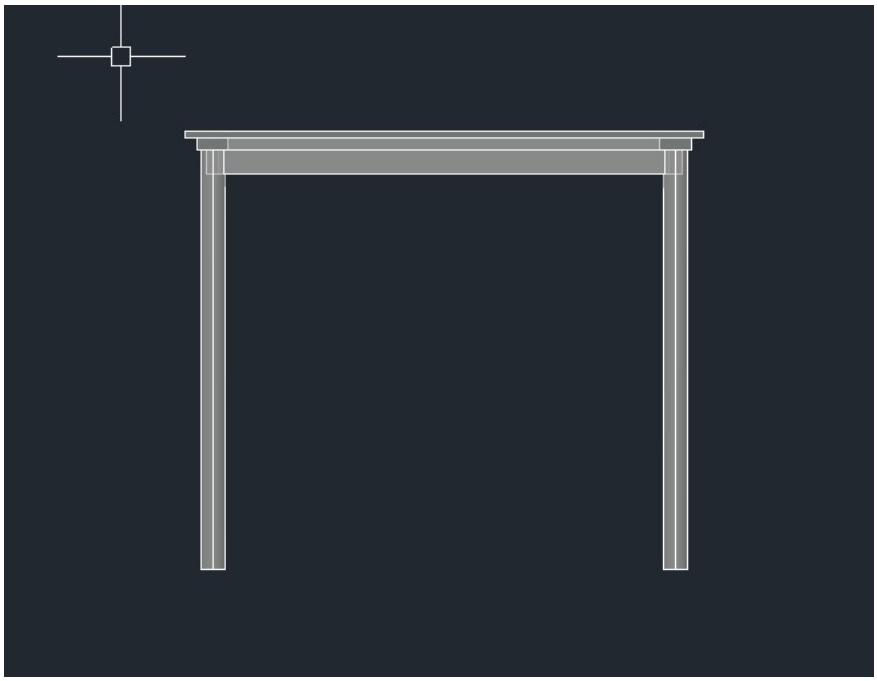
Front View :



Top View :



Right View :



Procedure :

11. **Make a plan which I would like to draw in AutoCAD.**
12. **First er create a base for table.**
13. **Then draw to top view for my table.**
14. **Draw the front view for my table.**
15. **Draw the Right view for my table.**
16. **Draw the left view for my table.**
17. **Use extrude(Solid) command to convert all view into 3D table.**
18. **Use fillet to round some of my drawing point.**
19. **Use RMAT to open materials properties.**
20. **Finally, render table**

بسم الله الرحمن الرحيم

International Islamic University Chittagong

Department of Computer Science and Engineering(CSE)

Experiment No : 01

Experiment Name : Making a floor plan using AutoCAD

Course code: ME-2412
Course Title: Engineering Drawing Lab
Semester: 4th
Section: 4BM

Submitted By:
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Department of CSE, IIUC.

Submitted to:
Md.Masum Rana
Lecturer,
Department of NE, CUET

بسم الله الرحمن الرحيم

International Islamic University Chittagong

Department of Computer Science and Engineering(CSE)

Experiment No : 02

Experiment Name : Making a Chair using AutoCAD

Course code: ME-2412
Course Title: Engineering Drawing Lab
Semester: 4th
Section: 4BM

Submitted By:
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Email ID: C211068@ugrad.iiuc.ac.bd
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Submitted to:
Md.Masum Rana
Lecturer,
Department of NE, CUET

بسم الله الرحمن الرحيم

International Islamic University Chittagong

Department of Computer Science and Engineering(CSE)

Experiment No : 03

Experiment Name : Making a Table using AutoCAD

Course code: ME-2412
Course Title: Engineering Drawing Lab
Semester: 4th
Section: 4BM

Submitted By:
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Email ID: C211068@ugrad.iiuc.ac.bd
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Department of CSE, IIUC.

Submitted to:
Md.Masum Rana
Lecturer,
Department of NE, CUET