



## LABORATORY WORK SHEET

Name of the Student : Mohammed Safwan

Class : Btech CSE Semester : I

Course Code : AME003 Course Name : EA

Name of the Course Faculty : Mr. R. Srinivas

Faculty ID : IARE 10774

Exercise Number : 10 Week Number : 10 Date : 10-10-24

### DAY TO DAY EVALUATION:

Marks	Aim / Preparation	Algorithm / Procedure	Source Code	Program Execution	Viva - Voce	Total
		Performance in the Lab	Calculations and Graphs	Results and Error Analysis		
Max. Marks	4	4	4	4	4	20
Obtained	4	4	4	4	4	20

Signature of Faculty

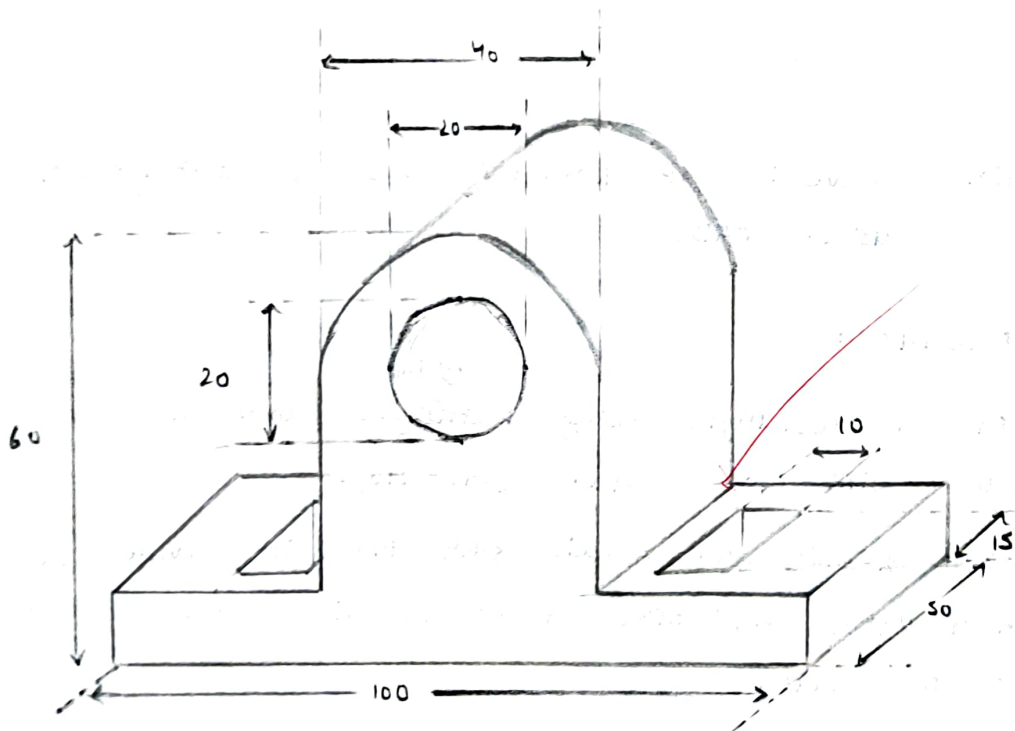
### START WRITING FROM HERE :

Aim : conversion of isometric view to orthographic projections using CAD.

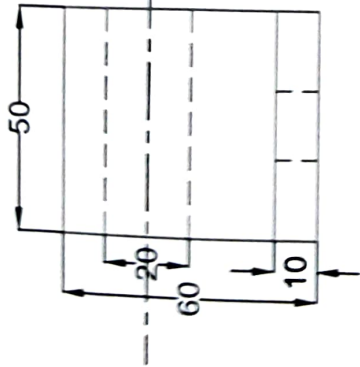
### Procedure :

1. Draw a rectangle using rectangle command for A4 sheet size with (0,0) and (297, 210).
2. Draw x-axis and y-axis such that it divide the rectangle in 4 parts and take reference line from the origin at 45° to the plane.
3. In the bottom right part, draw the top view.
4. Take the appropriate length and draw the top view.
5. Use offset to draw the part that is the hidden part.

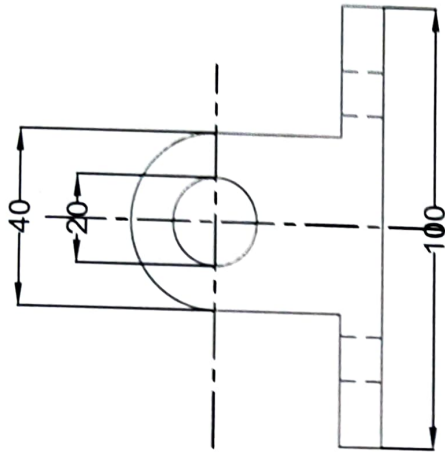
6. Use dimensioning command to dimension the diagram.
7. Similarly, draw the front view in the top right part.
8. Use dimstyle to modify the text size and arrow size to 5,5.
9. Use suitable line type to display hidden part of the figure such as dashed.
10. Highlight the front view, top view, right view with any colour of your choice.
11. Trim the reference lines.
12. This is the required drawing.



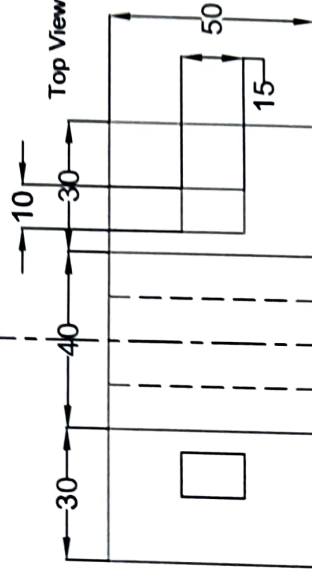
Right View



Front View



Top View



2/1/24

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Experiment :	10
Date :	10 January 2024