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 Sellakumar1987/EX-No.5.2.DESIGN-THE-3D-MODEL-AS-PROVIDED-AND-CONVERT-TO-ORTHOGRAPHIC-VIEW:main .

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# EX No.5.2.DESIGN THE 3D MODEL AS PROVIDED AND CONVERT TO ORTHOGRAPHIC VIEW

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## DATE:

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## AIM:

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To create orthographic view of given 3D model

## REQUIREMENTS:

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1. Autodesk fusion 360
2. Windows 10
3. 16 GB of RAM (integrated graphics recommend 1 GB or more)
4. 2.5 Mbps or faster download; 500 Kbps or faster upload

## PROCEDURE:

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### STEP-1:

Open Fusion 360 and select file and click new file

## STEP-2:

Select sketch option and choose create sketch

## STEP-3:

1. Create the sketch using circle, line, trim operations as shown in figure
2. Apply finish sketch

## STEP-4:

Use the extrude option to convert the 2D to 3D.

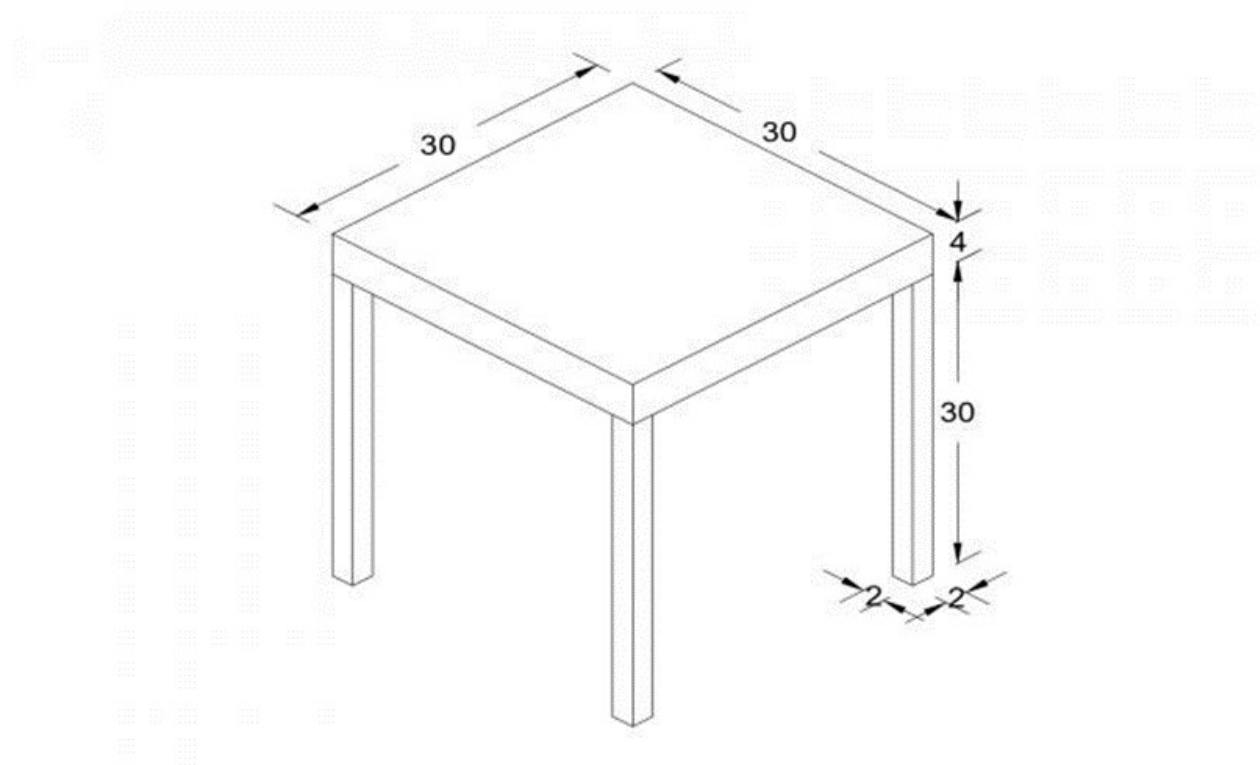
## STEP-5:

Switch to drawing mode from design mode

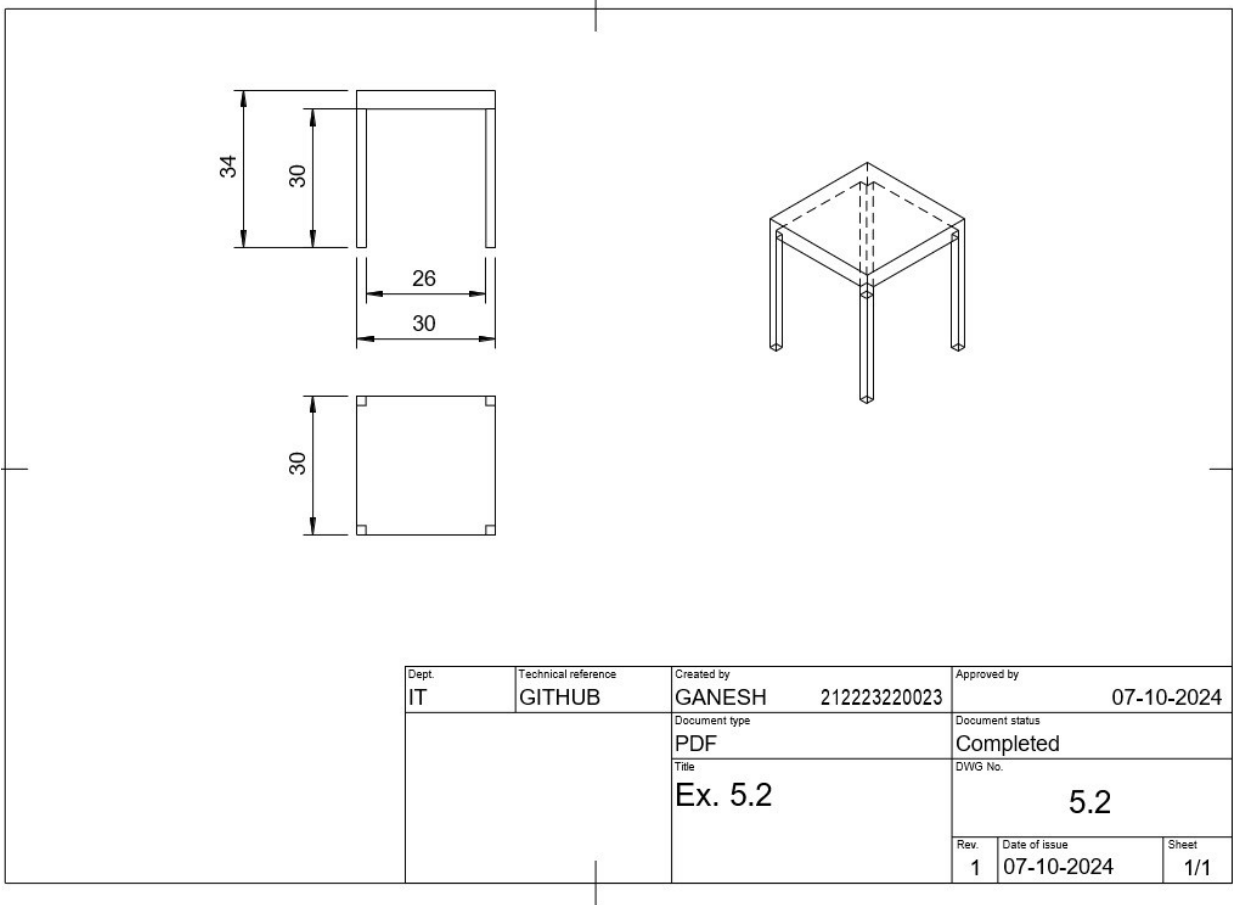
## STEP-6:

1. Select the base view and position the model to project from base view
2. Select the projected view to generate orthographic projections

## INPUT



OUTPUT



RESULT:

Thus, the given 3D model is converted into orthographic view.

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