

EX No.4.2. CUT SECTION OF SOLIDS

DATE:

AIM:

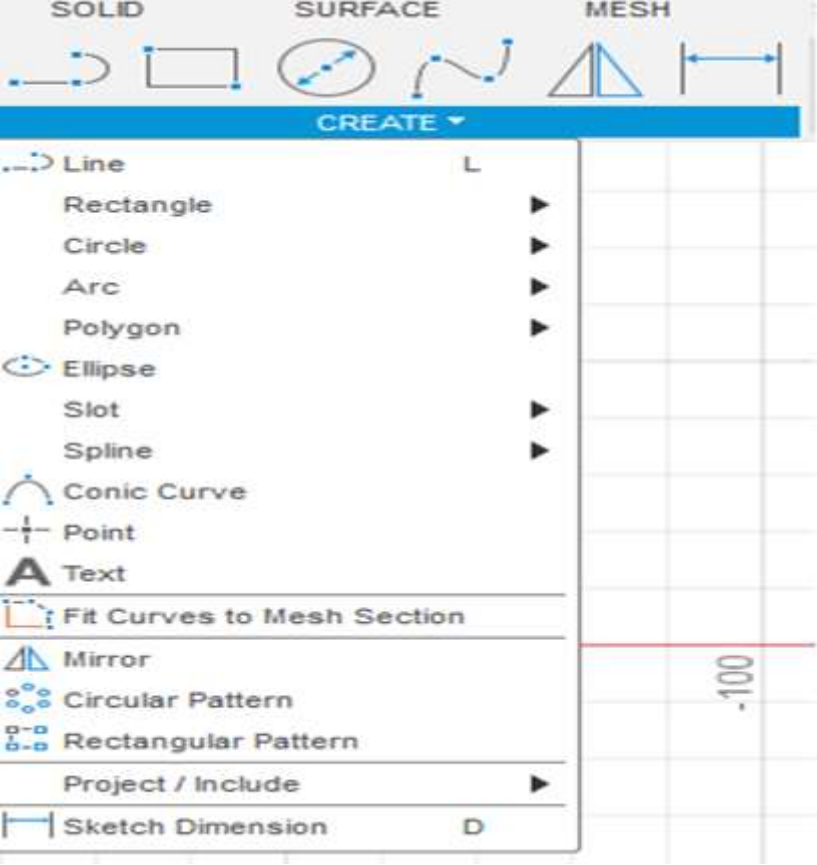
To create the solid model from given drawing and section the solid model

REQUIREMENTS:

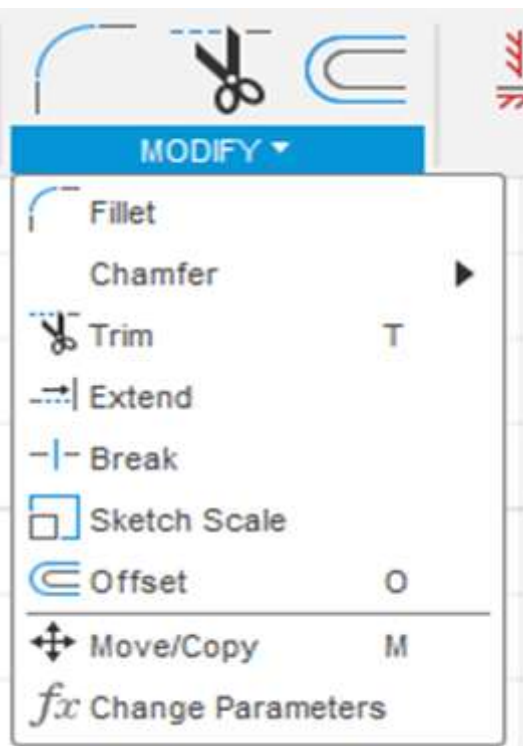
- 1. Autodesk fusion 360
- 2. Windows 10
- 3. 16 GB of RAM (integrated graphics recommend 1 GB or more)
- 4. 2.5 Mbps or faster download; 500 Kbps or faster upload

PROCEDURE:

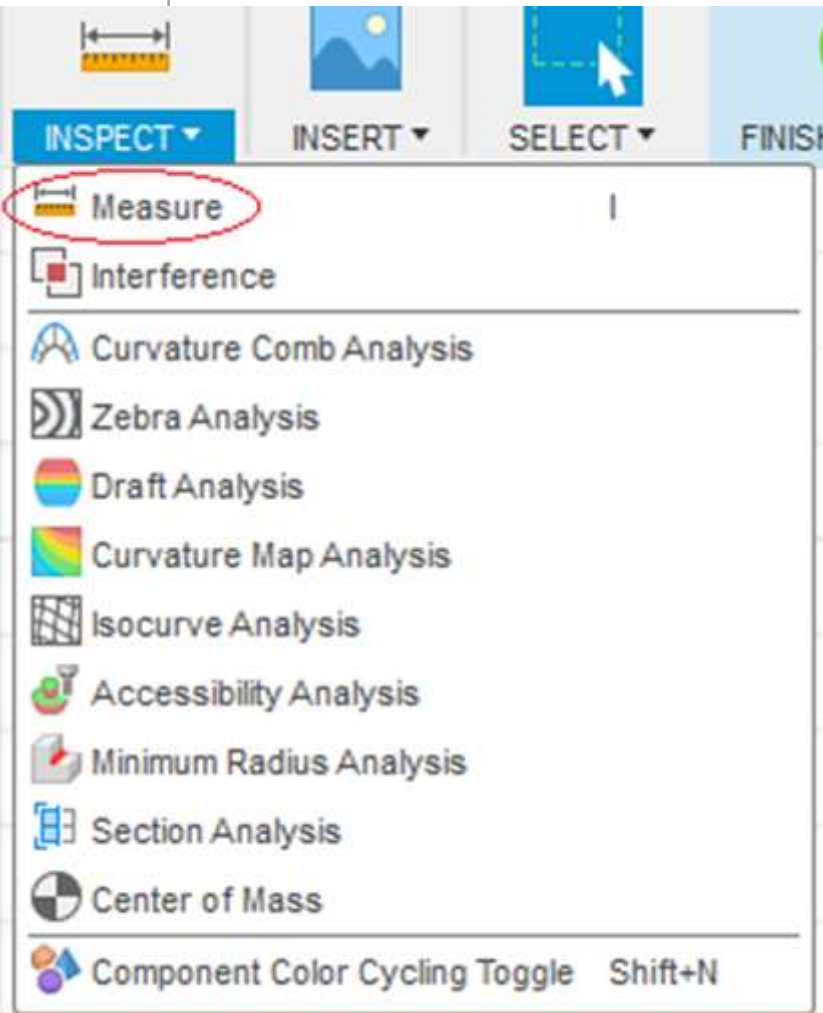
- 1. Open new file and then select sketch icon.
- 2. Select the plane for sketching.
- 3. Use sketching features (line, circle, arc, rectangle, polygon, etc.,) to draw the given sketch



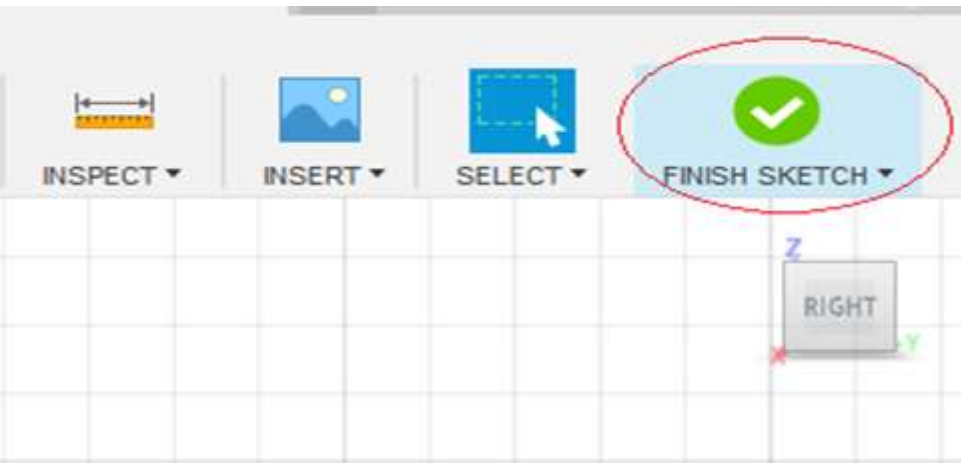
- 4. Use sketch modifying features (cut, trim, mirror, move, etc.,) to edit the sketch.



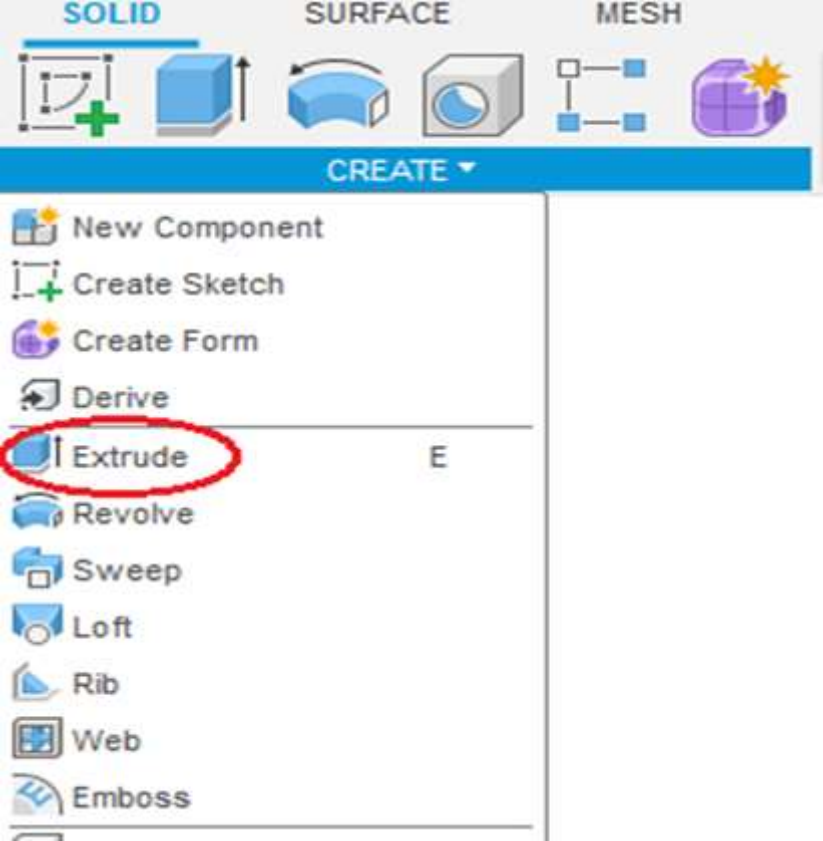
5. Use inspect feature to measure the dimensions of sketch.



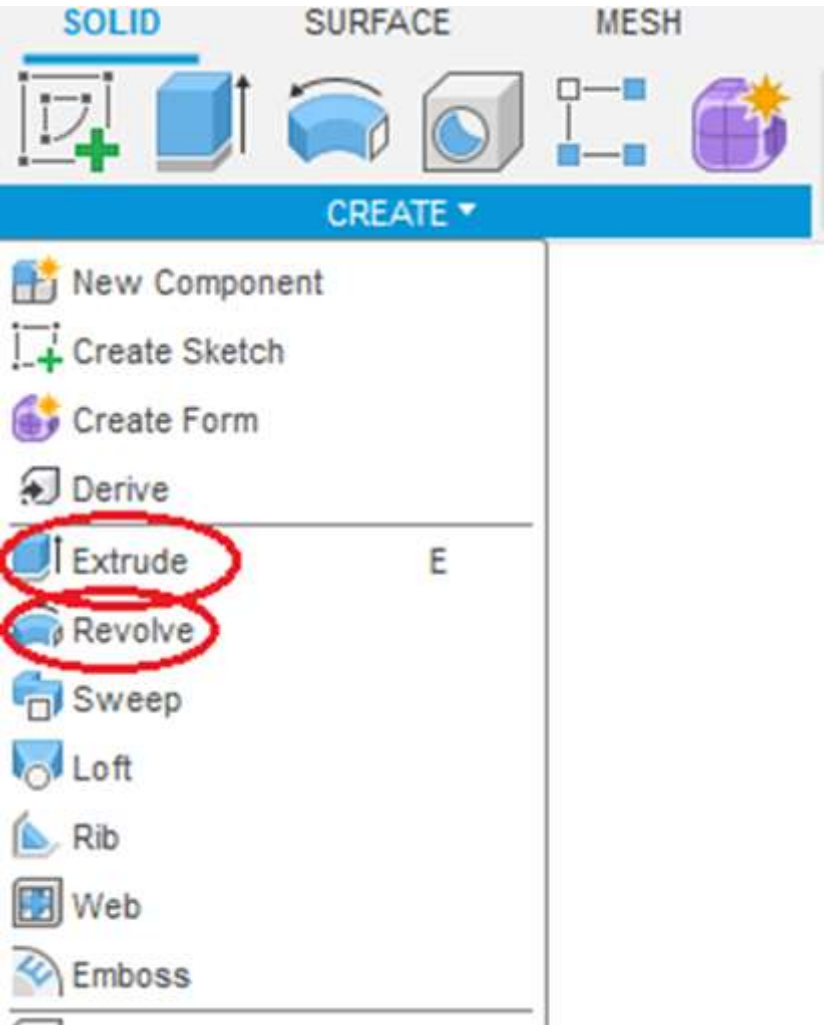
6. After finishing the sketch use finish sketch option to finalize the sketch.



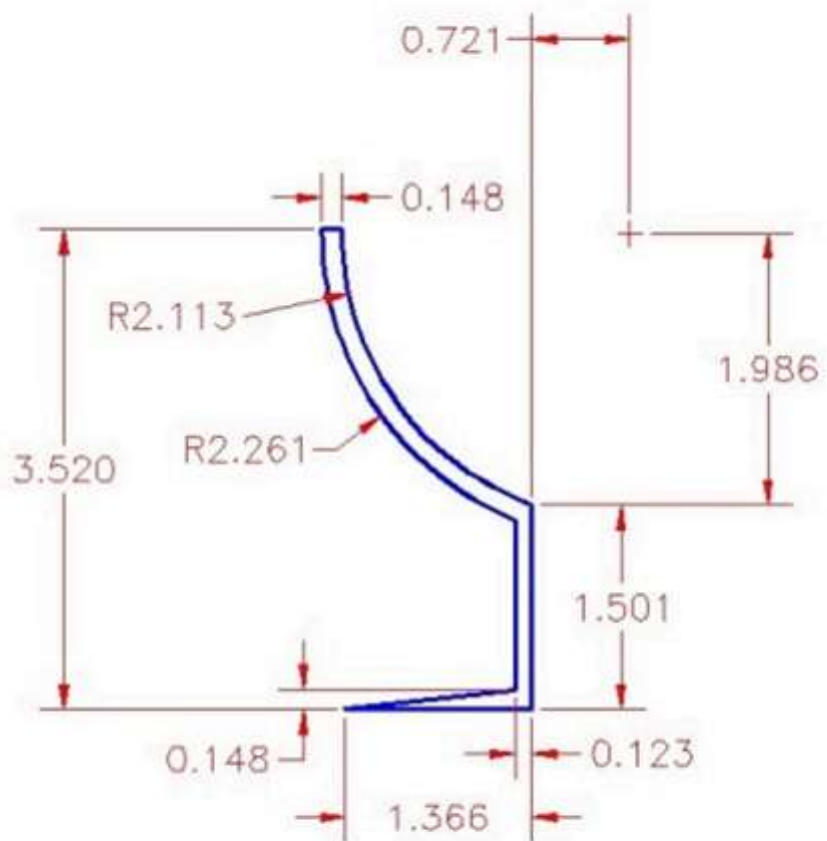
7. Use extrude option to convert 3D model from sketch



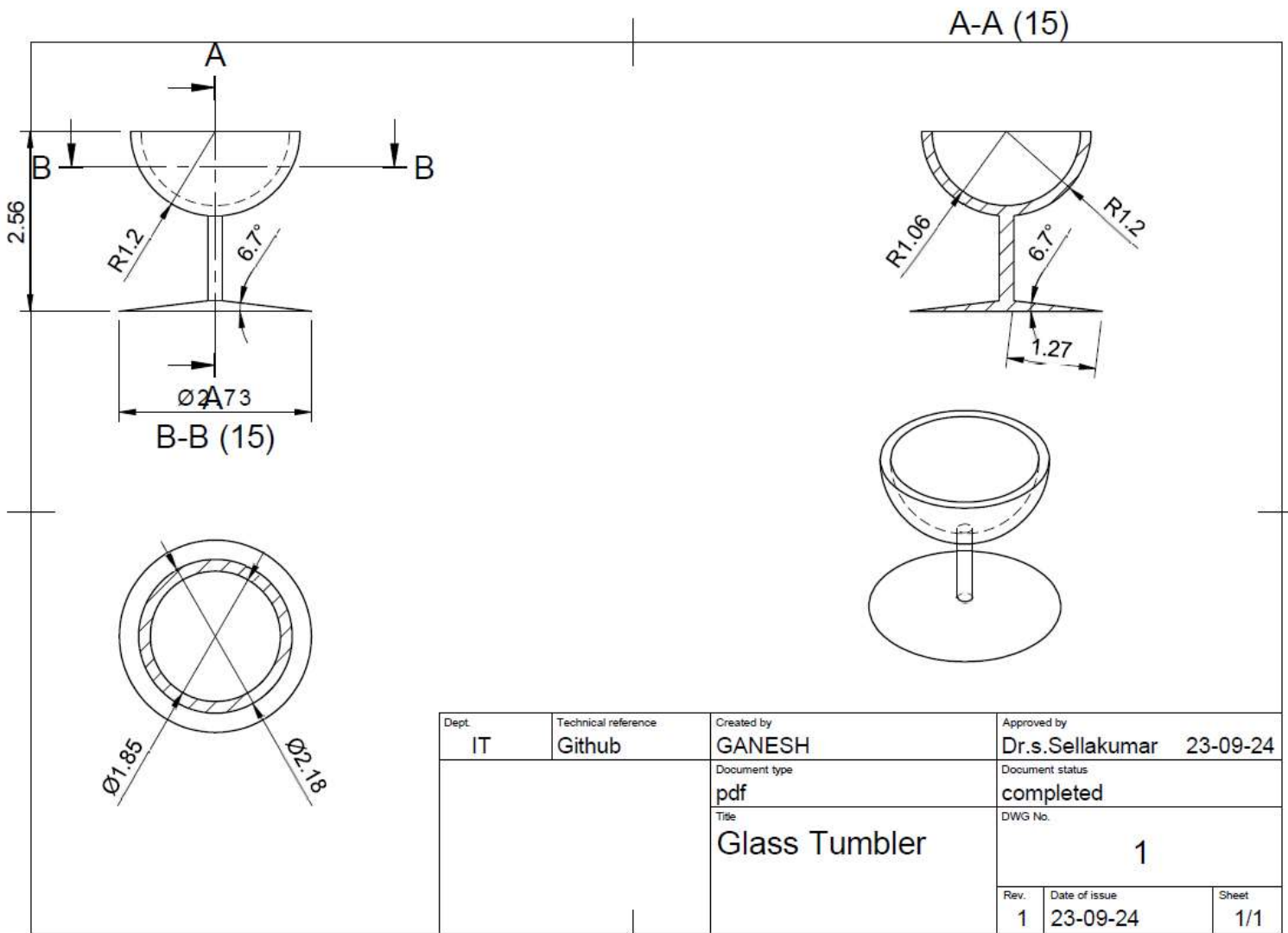
8. Use revolve option to convert 2D to 3D.



INPUT:



OUTPUT:



RESULT:

Thus, the cut section for solid model is created.