



Course Name: Computer Engineering workshop (CEN 1006)

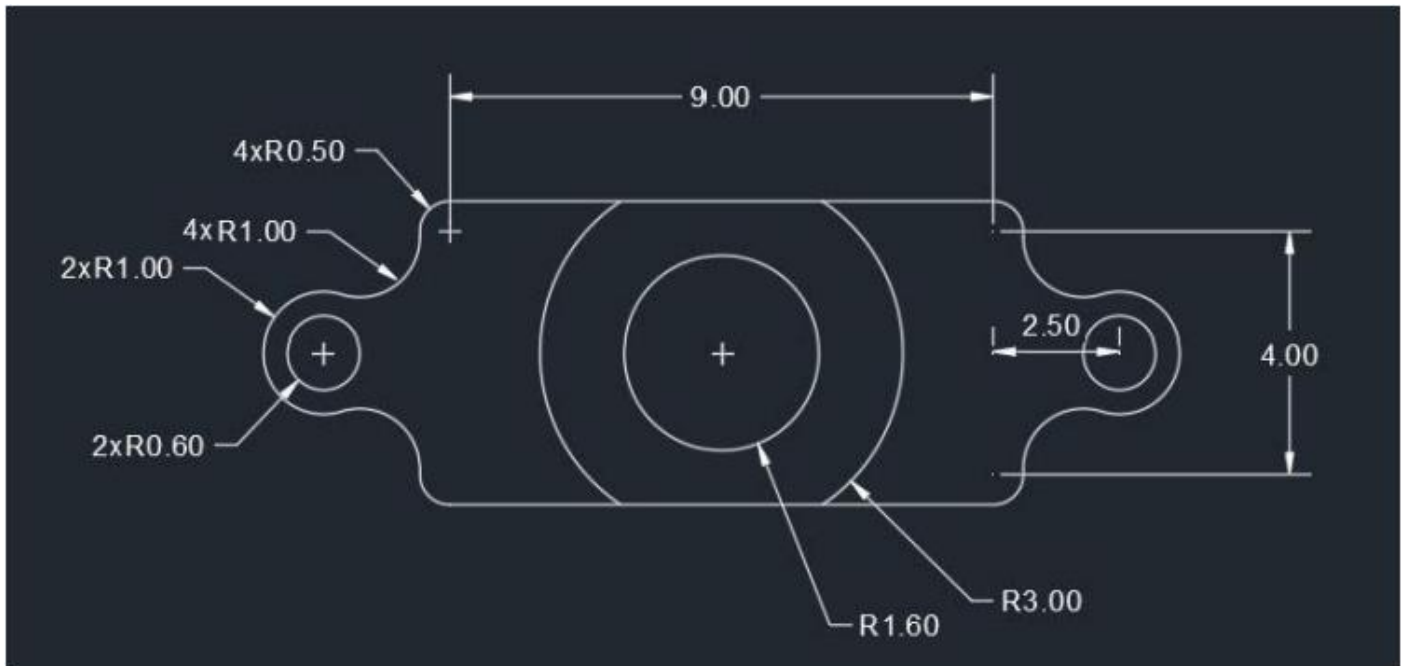
LAB # 4: Introduction to Computer Aided Design - Part-2

Department	Registration Number/Name	Semester/Section
BS CEN	F24604018/Muhammad Hamzah Iqbal	1
Date	Instructor's Name	Instructor's Signature
27/10/2024	Maj Sheryar /Iqra Ashraf	

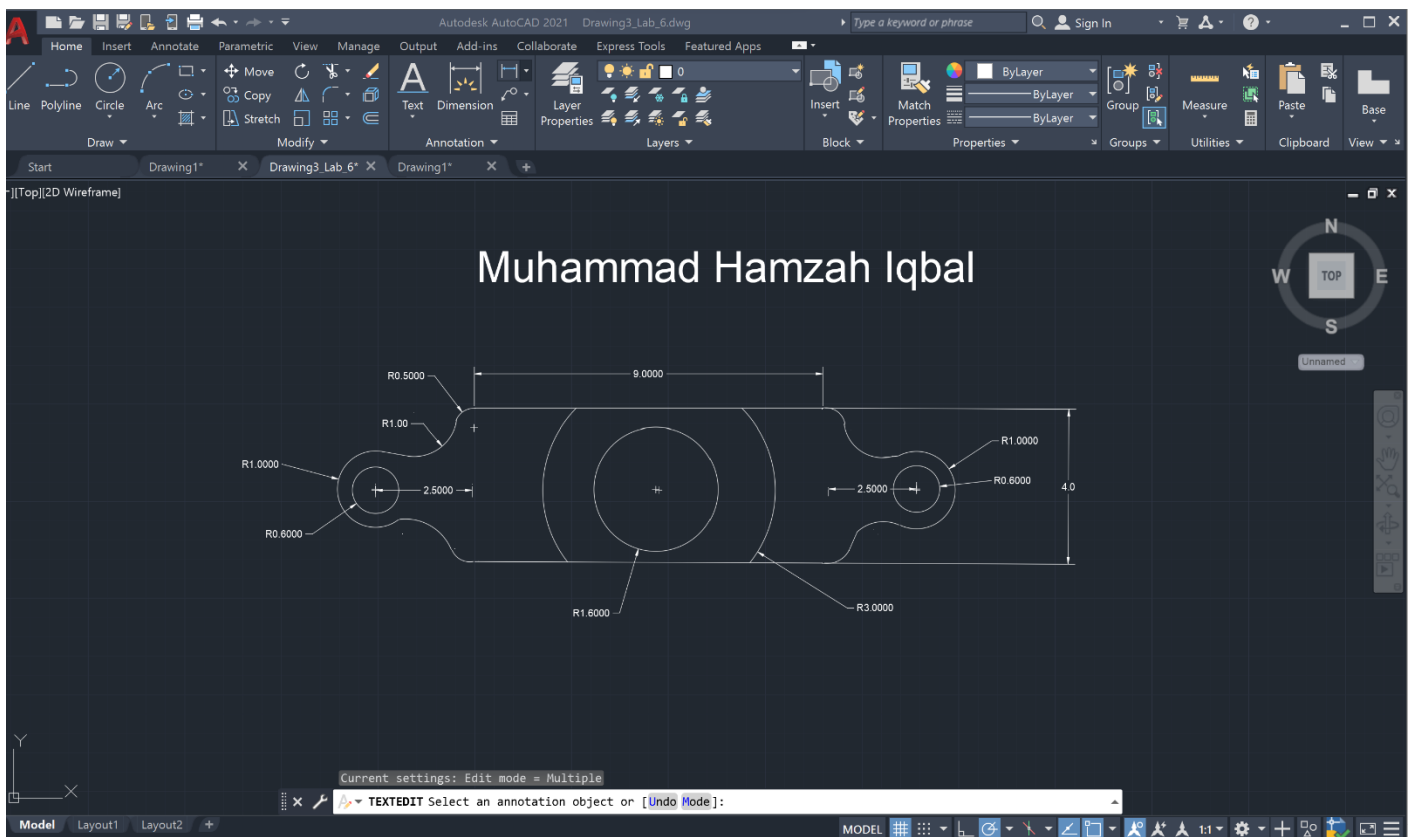
Objective:

- To get familiar with the interface and different tools to effectively use AutoCAD.

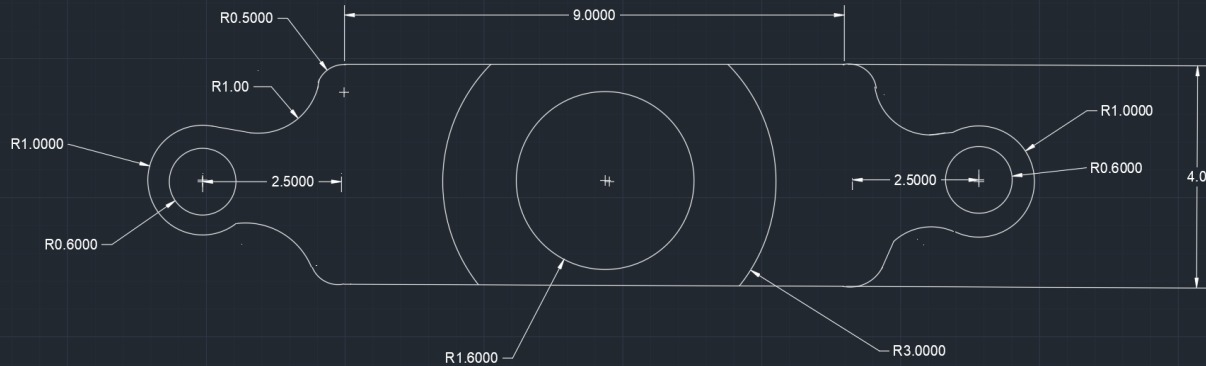
Lab Task:



Output:



Muhammad Hamzah Iqbal



Conclusion:

Creating this diagram helped me understand the basics of AutoCAD and its tools. I used different shapes like circles, arc and lines, and added dimensions to show the exact sizes and distances. Adjusting the size and direction of the text for these measurements taught me how to make drawings clear and easy to read.

Working on this drawing helped me to practice with important AutoCAD tools, like dimensioning and formatting. I learned how to be precise and careful, which is essential for technical drawings. Overall, this experience helped me build confidence in using AutoCAD, and I now feel ready to take on more detailed projects.

This shape was created by combining several basic elements in AutoCAD. I started by drawing circles to define the round parts of the design and used arcs to shape the curves smoothly. Straight lines were added to connect the different sections, creating the overall structure of the part. By using tools like **Trim**, I could adjust each element to fit precisely together. Each tool helped in building this complex shape step-by-step, teaching me how different commands work together to form detailed designs.