



Mechanics and Machines, CAD Details 1

Solid modeling

Class Activities



Triple repetition: lab, HW, Project

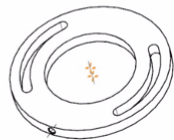
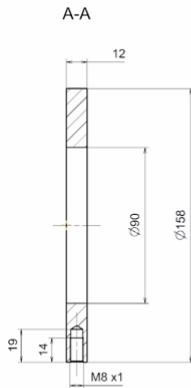
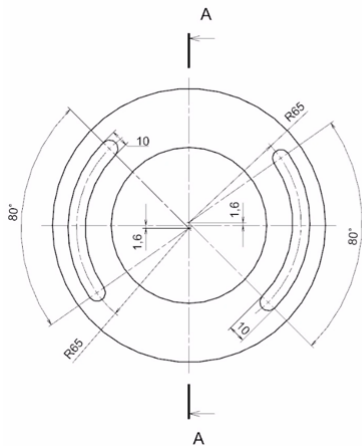


Lab Goals

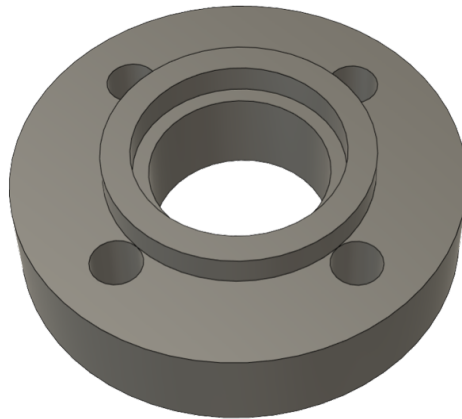
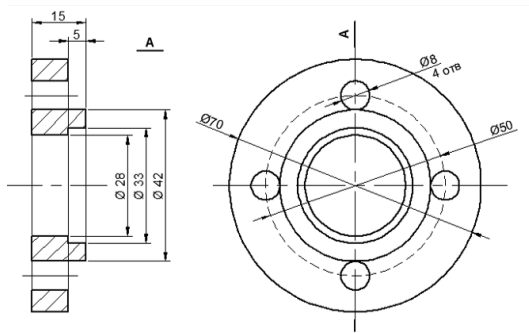
To obtain the needed tools for solving the design part of the course project

Basics

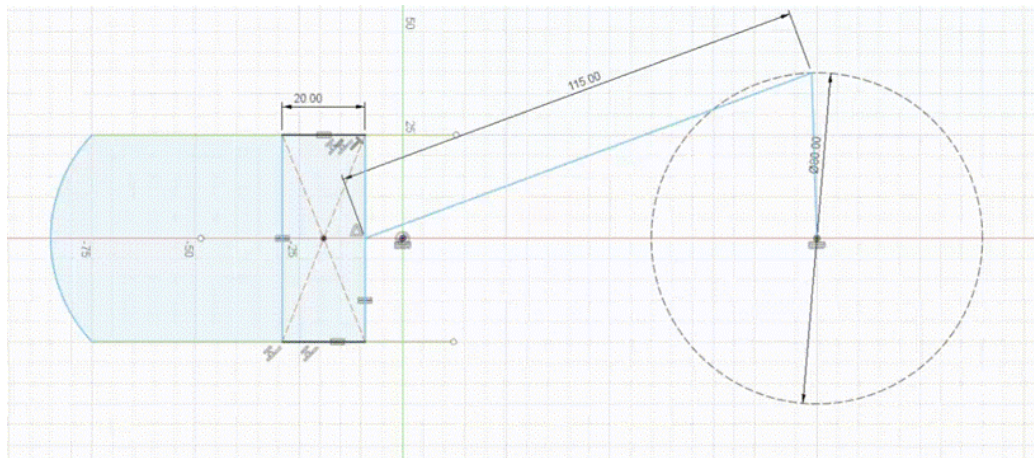
Video: Repeat the same by yourself



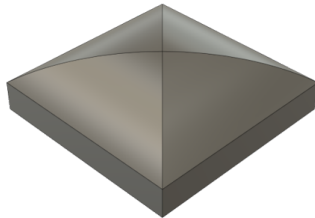
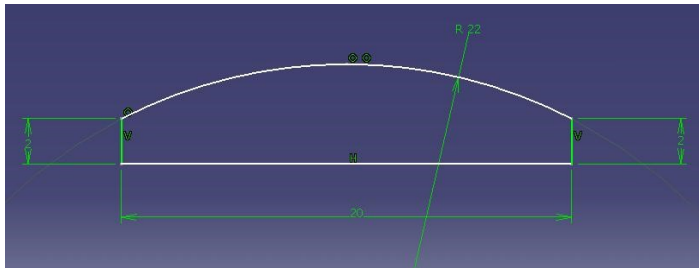
Task 1: Make CAD model of detail below



Video (repeat the figure, not video)



Task 3: Make CAD model of the detail below



Hint: It can be solved making 2 equal sketches perpendicular to each other, extruding them and using “combine” command.

Deserve "A" grade!

– Oleg Bulichev

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📍 @Lupasic

🏢 Room 105 (Underground robotics lab)