ME 1403 Engineering Practice & Graphics

Fall - 2017

Lecture 4

Chapter-3

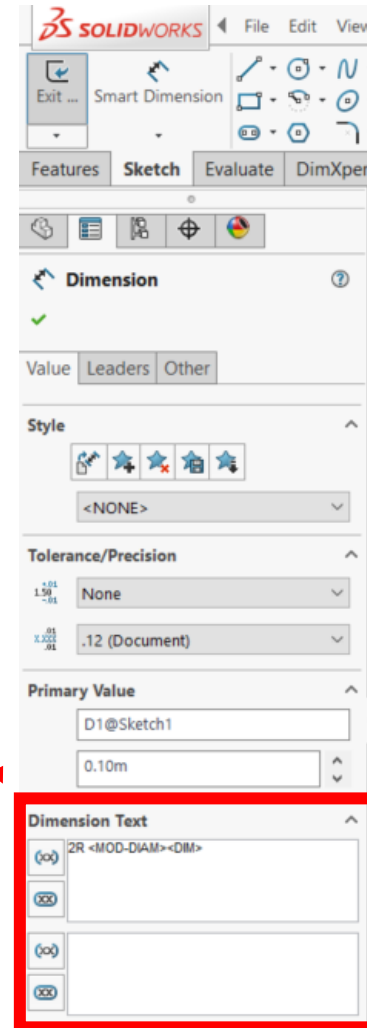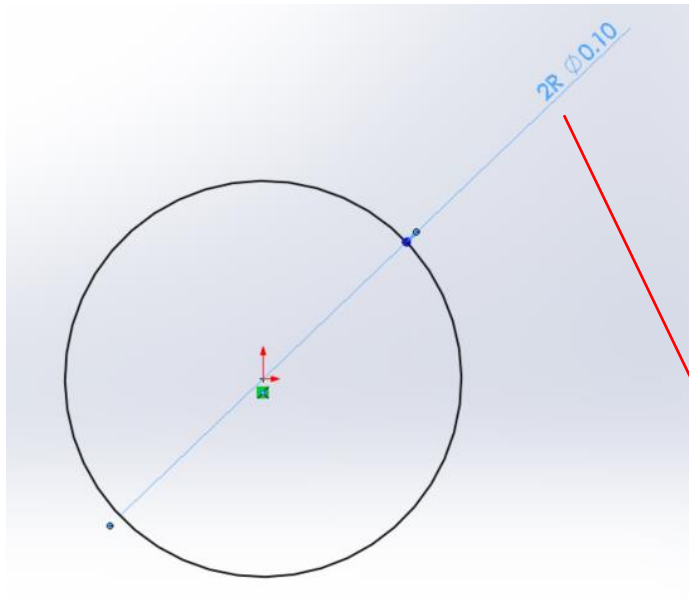Instructor:

Syed Hasib Akhter Faruqui

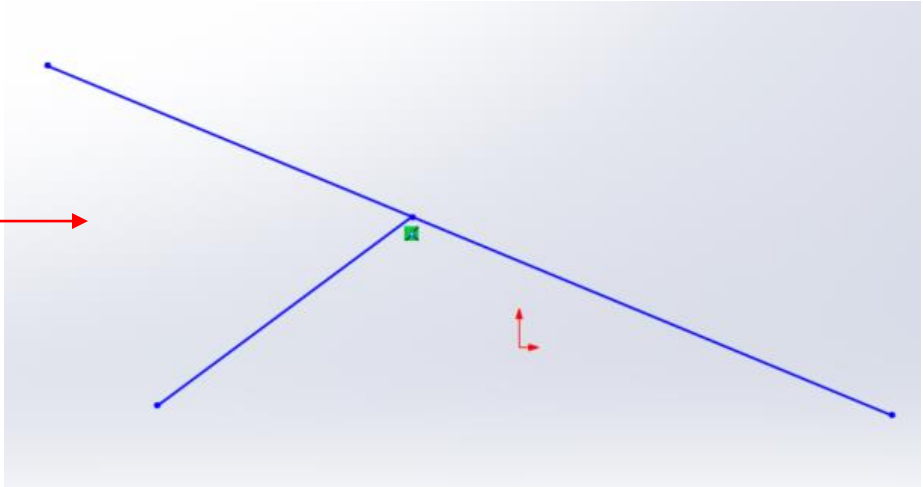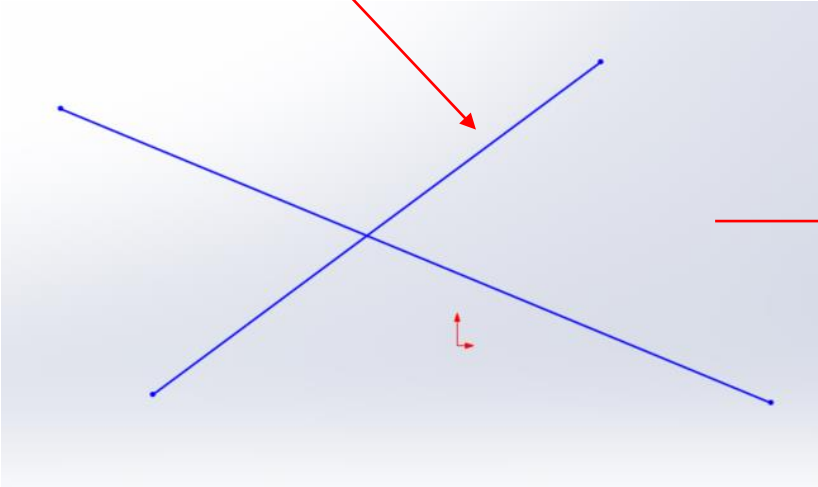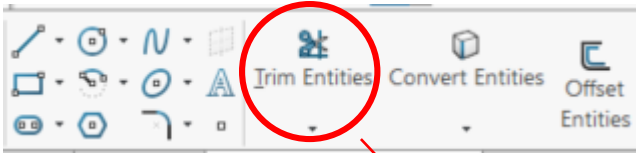Email: shafnehal@gmail.com

Outline

- Form Project Groups!
- Tools / Methods
  - Labeling Dimensions
  - Convert Entities
  - Trimming/ Extending
  - Offsetting
  - Fillet / Chamfer
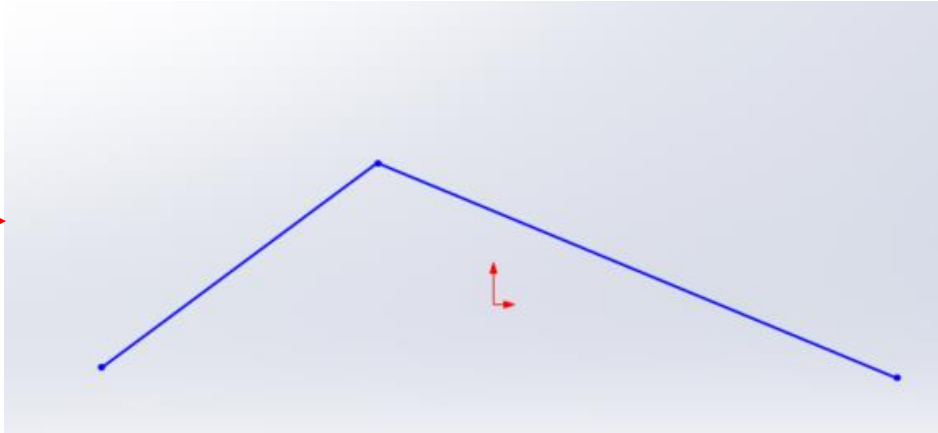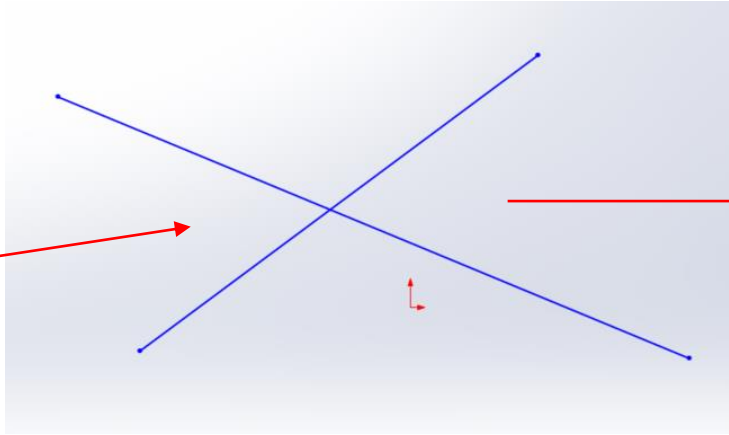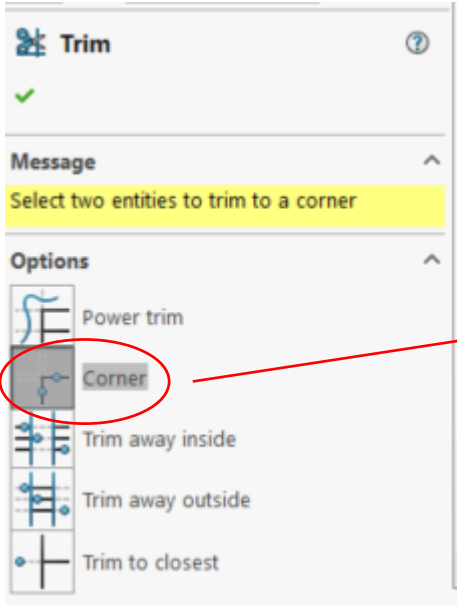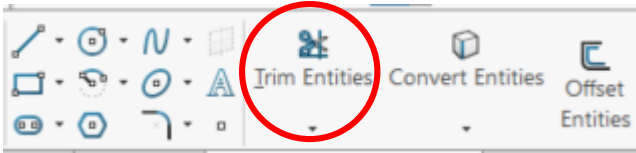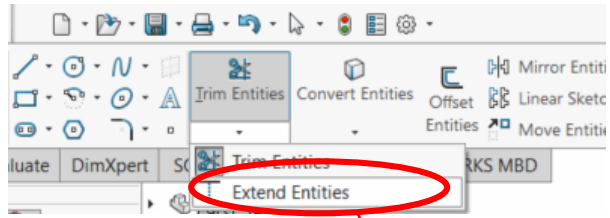 - Pattern
- Practice
  - Tutorial-2
  - Tutorial-3

Labeling Dimensions

Trimming Tool

Trimming Tool
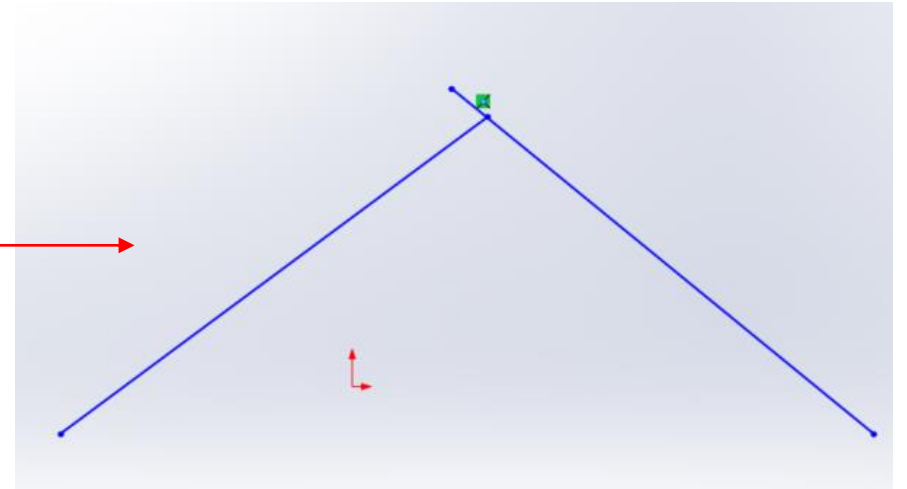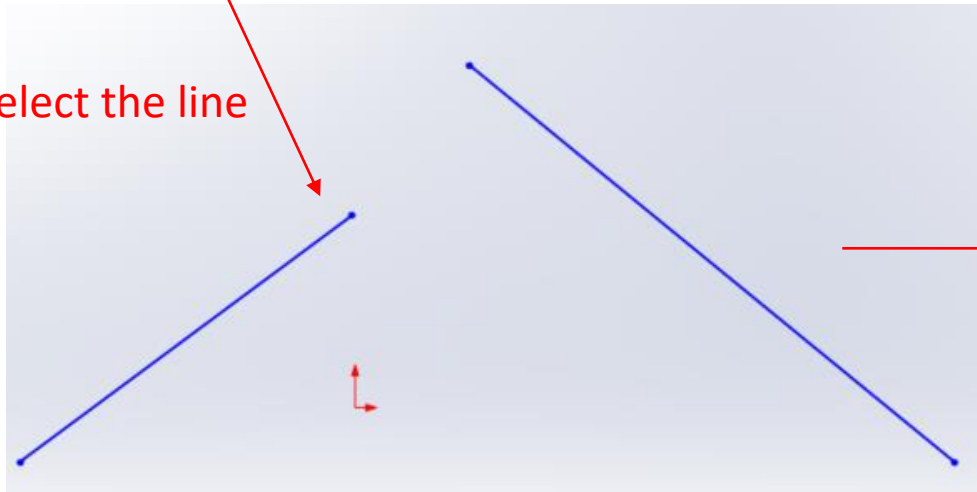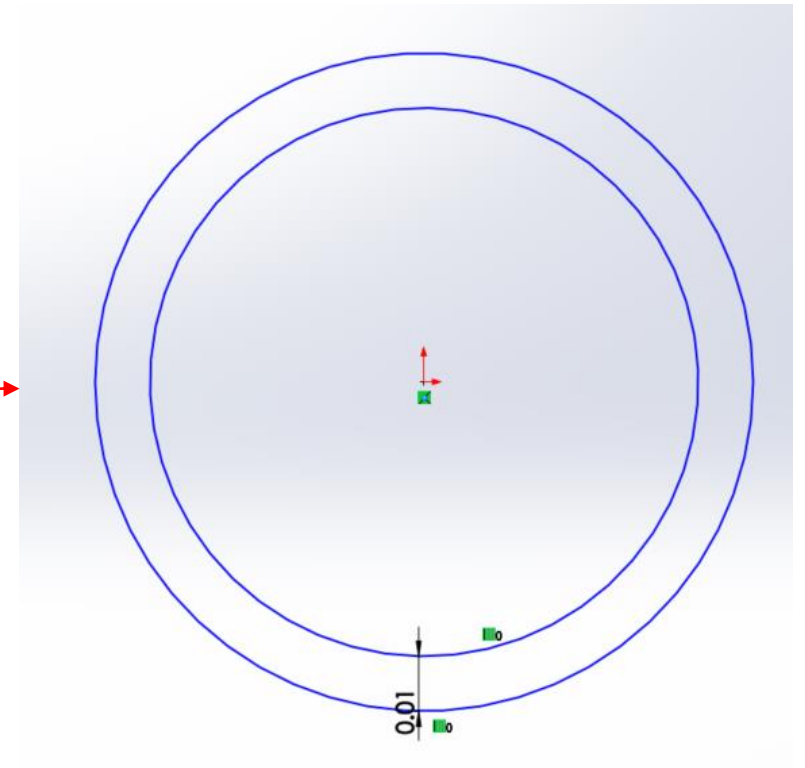
Extending

Select the line

Offsetting
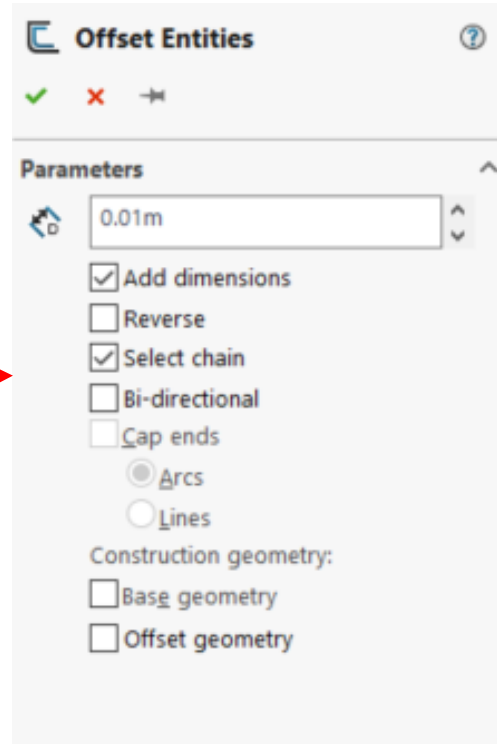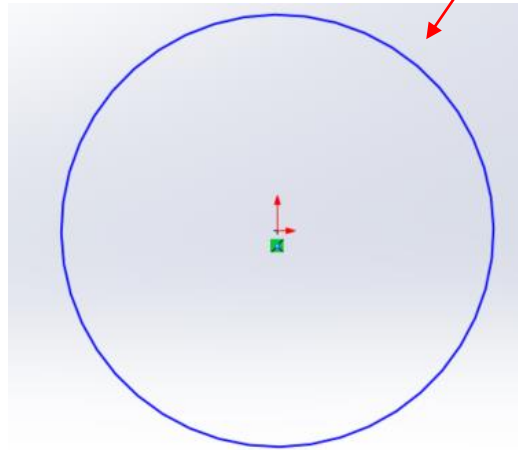
Fillet
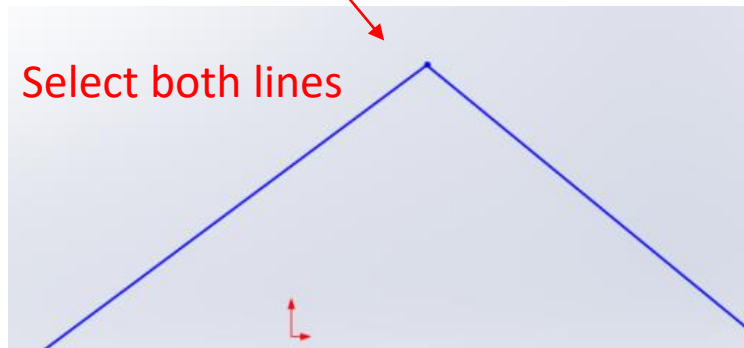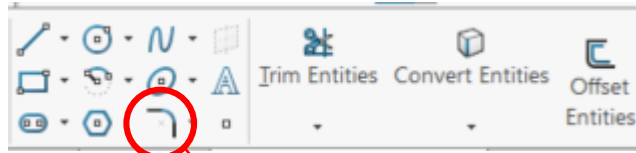
Select both lines

Enter Fillet Parameter
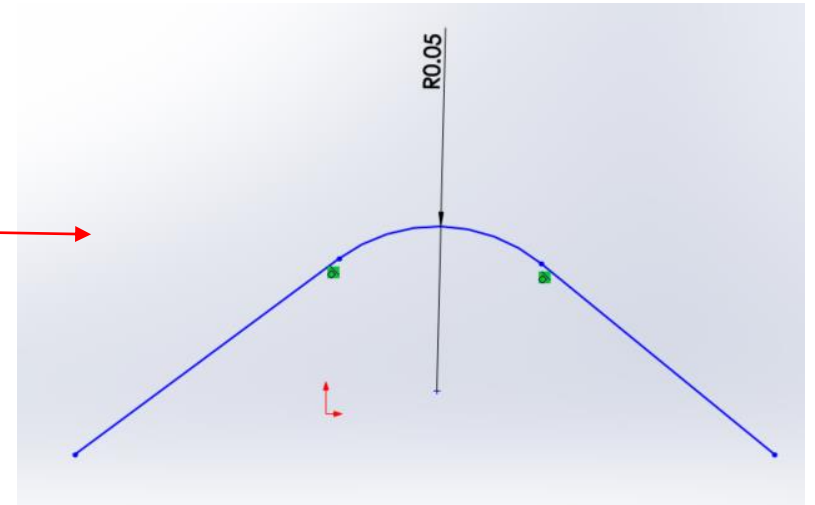
Chamfer

Select both lines
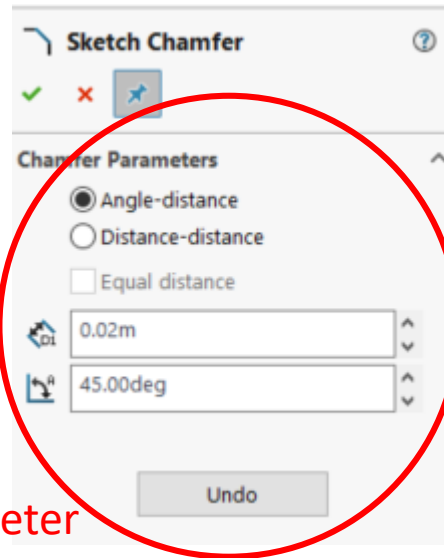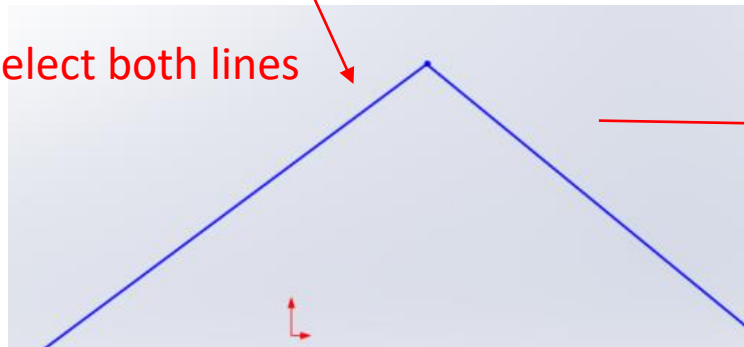
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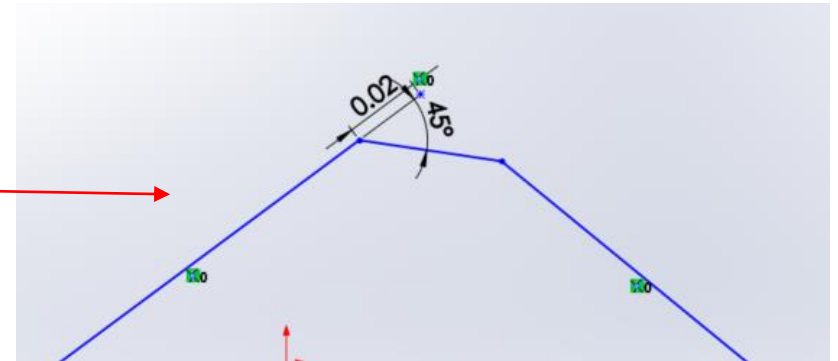
Pattern (Linear)
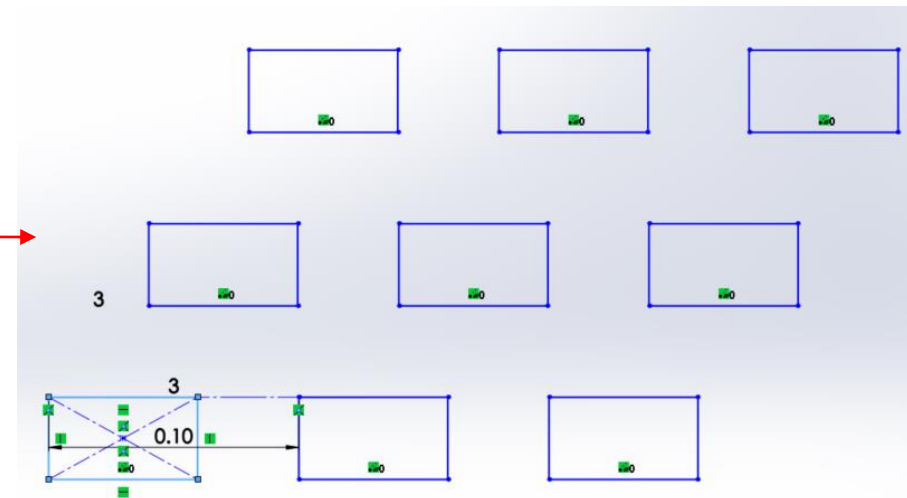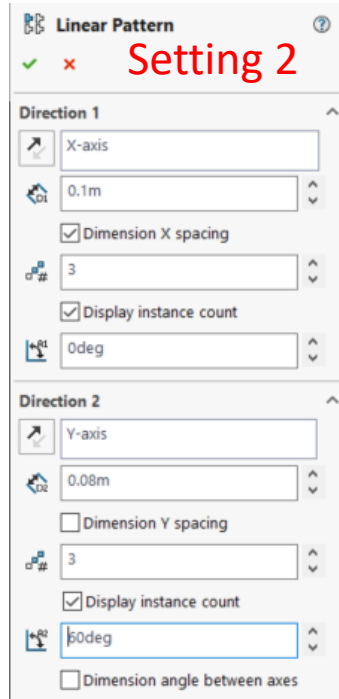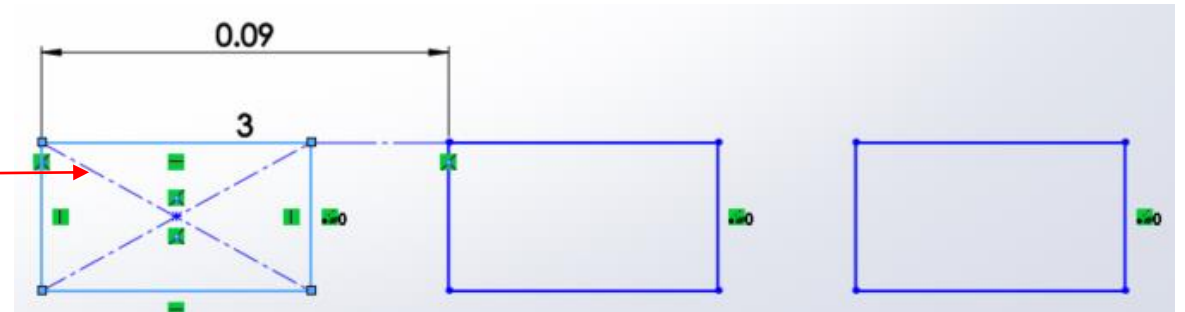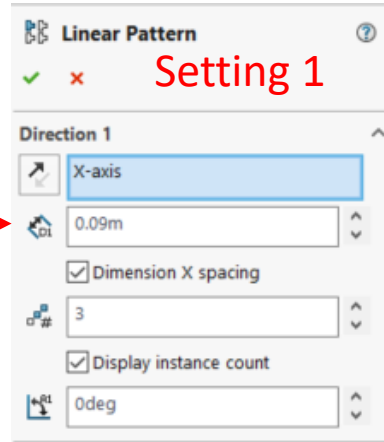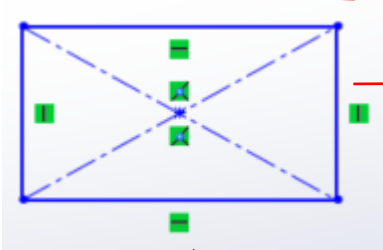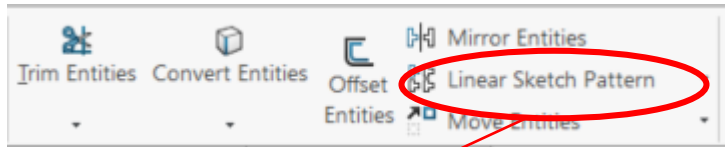
Pattern (Circular)
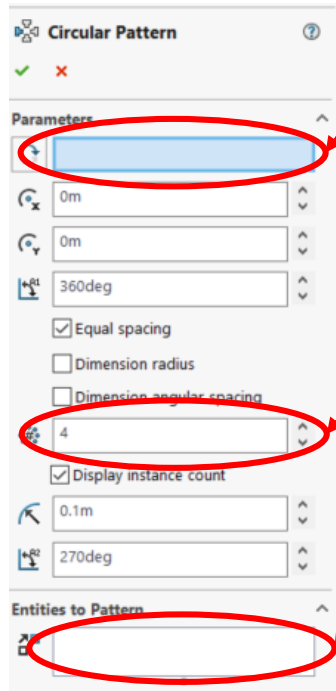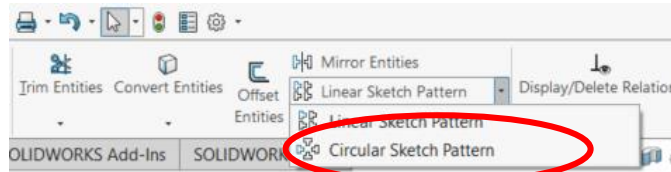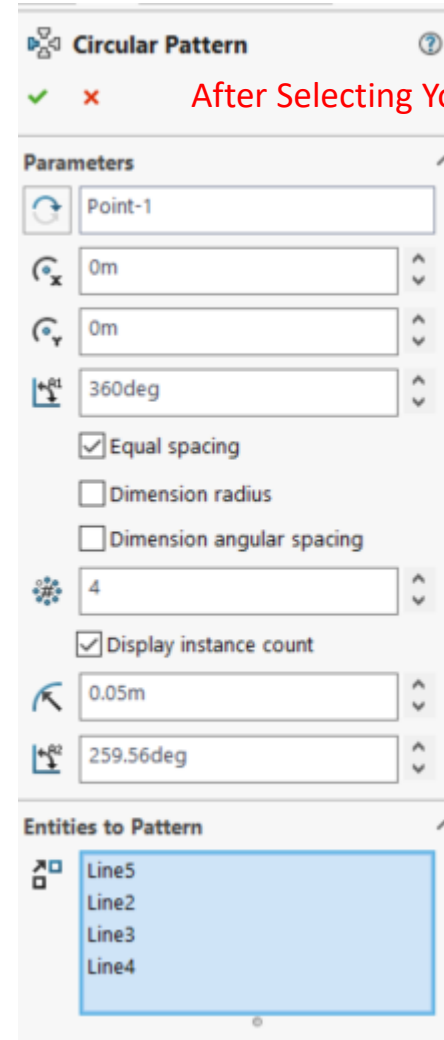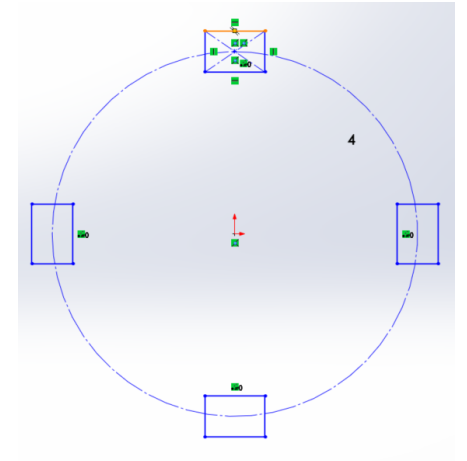
Tutorial 2 (Will be Graded)

R50

4

20

60
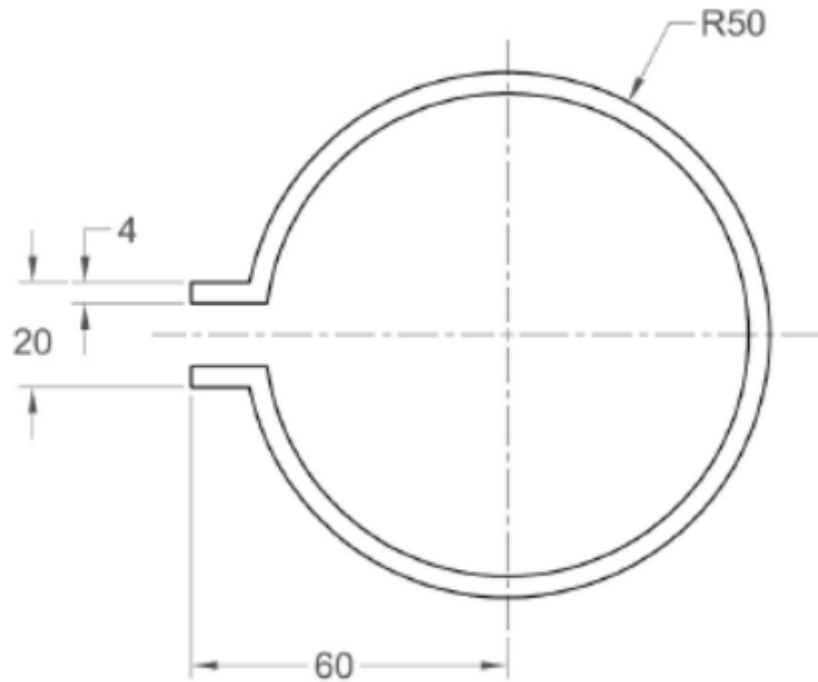
Tools to use:
1. Offsetting
2. Power Trim Tool
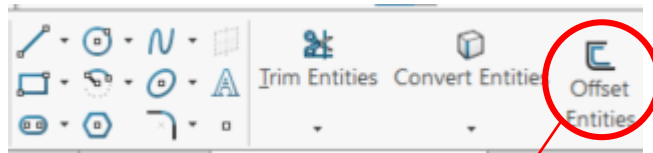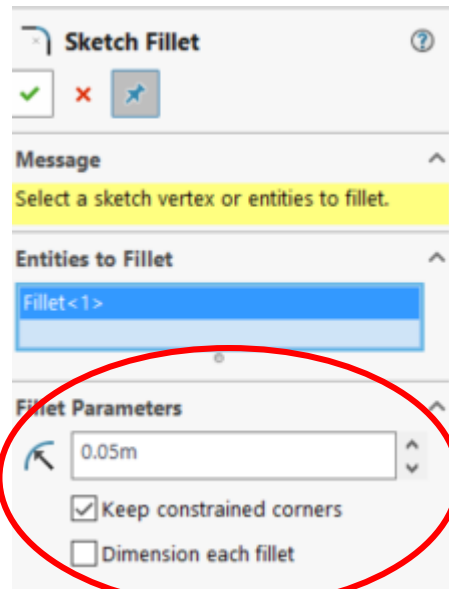
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Tutorial 3 (Will be Graded)

R50

6X R10

6X Ø10

70

70
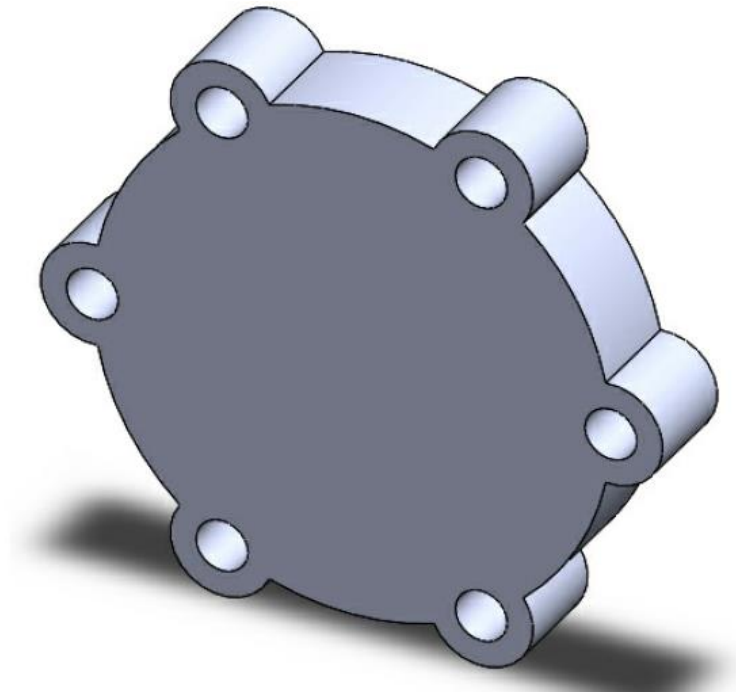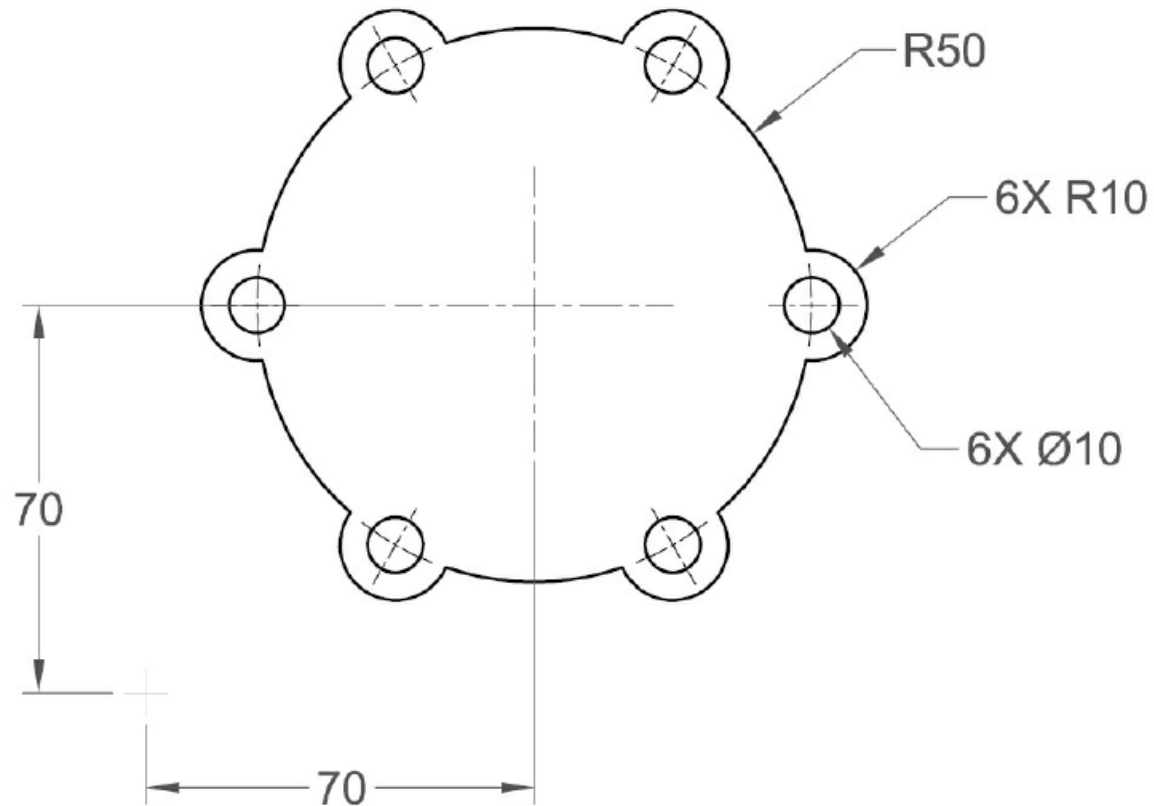
Tools to use:
1. Circular Pattern
2. Power Trim Tool
3. Construction Lines

File Name: Your ID_Tut3

Submission Rules

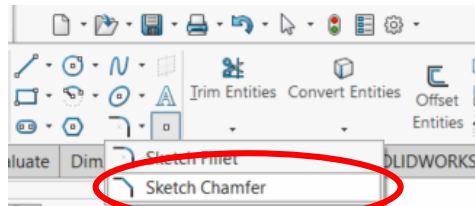- Homework's are due **at the beginning of the first lab** of the following week.

- Quiz's will be taken.

- Submit everything via **Blackboard**.

- Copying your assignments are **prohibited**. If you do so, you and the individual you copied from will receive a **<span style="color:red">grade zero**, plus both of you will be referred for actions as described in the university's policy for academic dishonesty. (Read Section 203 of the Student Code of Conduct 2013-2013 UTSA Information Bulletin.).

Submission Rules

- Any submission after deadline **will not be accepted** and thus <u>will receive</u> a **grade of zero**.

- Grading Criteria for Late Submission:
  - Submission on Time   : 100%
  - Submission a week late   : 75%
  - Submission two week late   : 0%

- Naming Convention for your submission files:
  - *(your myUTSA id)_(Number/Name of the HomeWork)*

- For Example if your myUTSA id is "*abc123*" and You are submitting "*HW1*". Then your submission file name should be "**abc123_HW1**".