5/17/2023

LAB#06

Engineering drawing

Namal University Mianwali
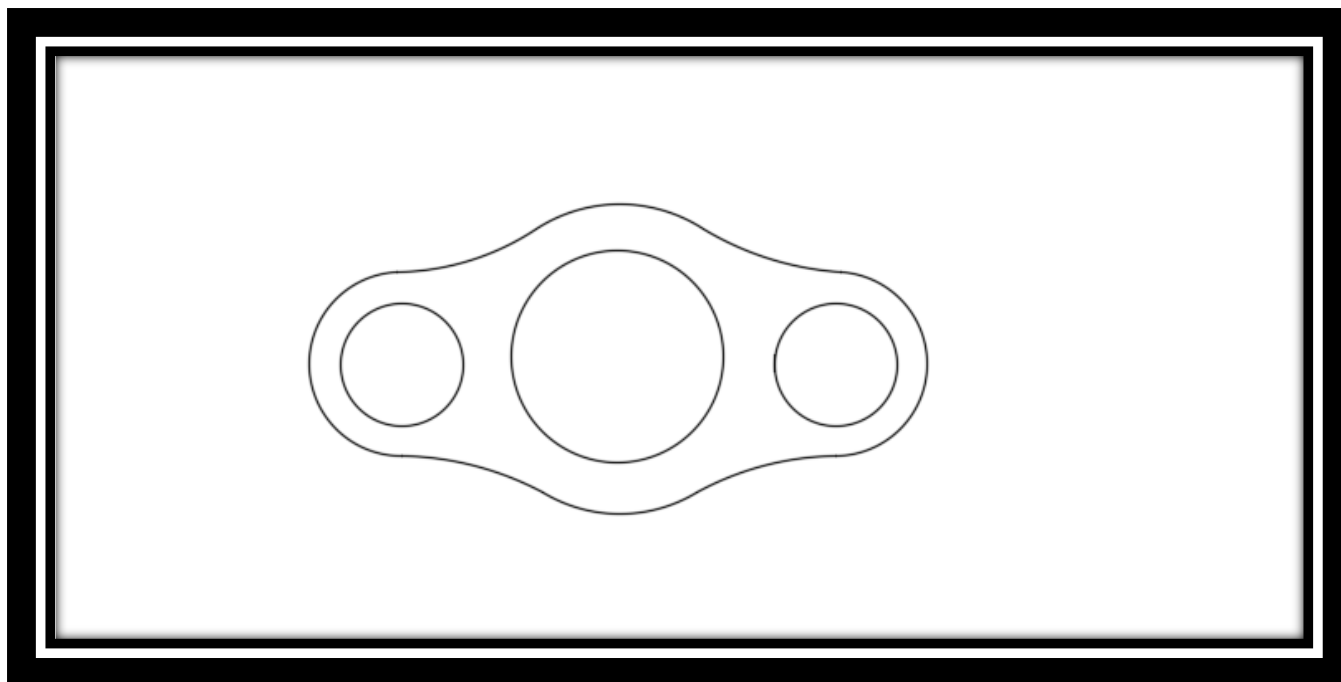
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Task1:

Procedure:

In this task

- Firstly I drawed 6 circles
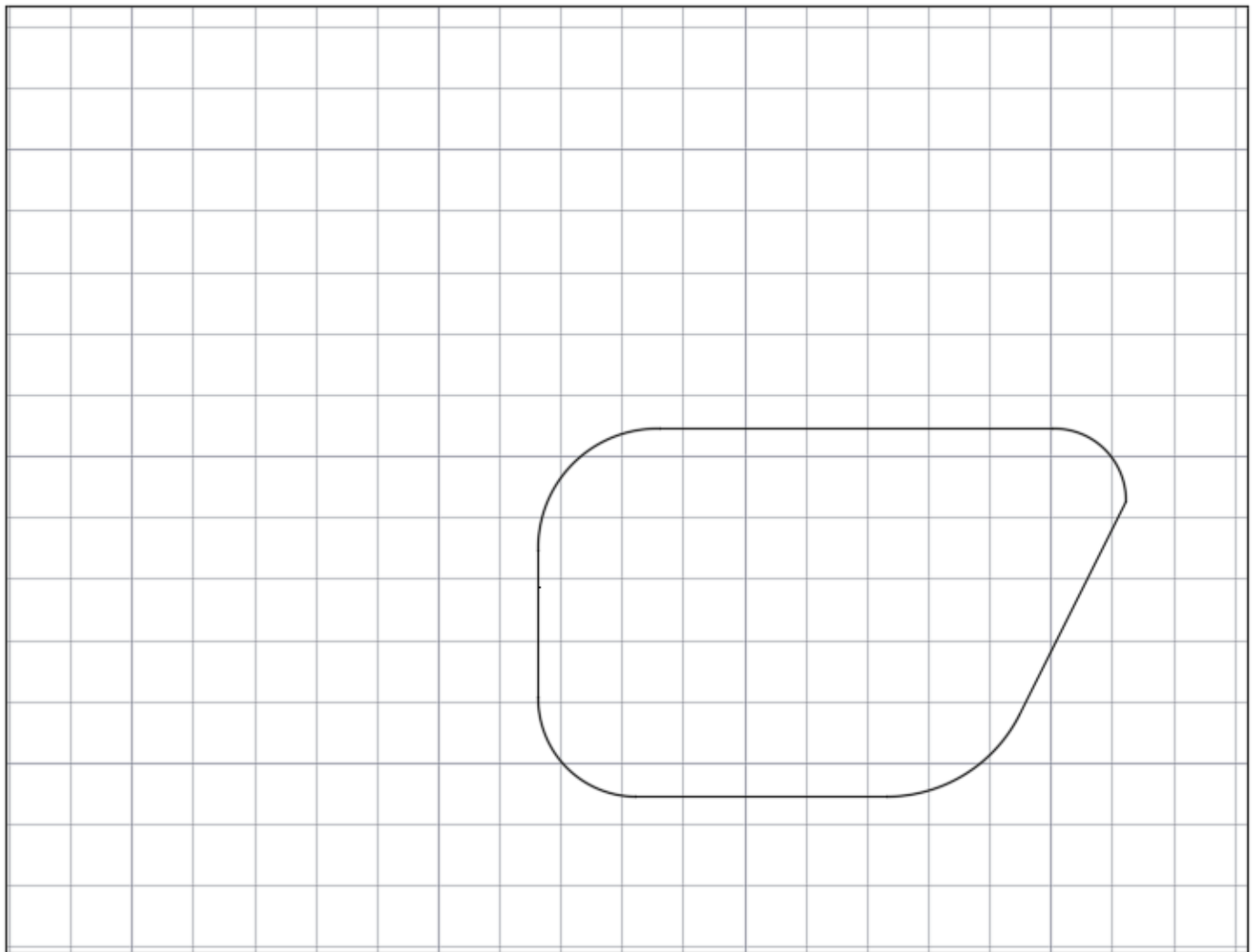- Trimed unnecessary parts
- and used fillet command

Commands of task1:

• Command: • Command: _extend • Current settings: Projection=UCS, Edge=None • Select boundary edges ... • Select objects or <select all>: 1 found • Select objects: Specify opposite corner: *Cancel* • 0 found • Select objects: *Cancel* • Command: • Command: _trim • Current settings: Projection=UCS, Edge=None • Select cutting edges ... • Select objects or <select all>: • Select object to trim or shift-select to extend or • [Fence/Crossing/Project/Edge/eRase/Undo]:	Select cutting edges ... 6 found Select object to trim or shift-select to extend or [Fence/Crossing/Project/Edge/eRase/Undo]: Specify opposite corner: Specify opposite corner: *Cancel* Crossing Lasso Press Spacebar to cycle options Command: Command: Command: _trim Current settings: Projection=UCS, Edge=None Select cutting edges ... 6 found Select object to trim or shift-select to extend or [Fence/Crossing/Project/Edge/eRase/Undo]: Specify opposite corner: Specify opposite corner: *Cancel* Crossing Lasso Press Spacebar to cycle options Command: Command: Command: _trim Current settings: Projection=UCS, Edge=None Select cutting edges ... 6 found Select object to trim or shift-select to extend or [Fence/Crossing/Project/Edge/eRase/Undo]:

- Automatic save to C:\Users\bsee202134\appdata\local\temp\Drawing1_1_1_1999.sv$ ...
- Command: _trim
- Current settings: Projection=UCS, Edge=None
- Select cutting edges ... 1 found
- Select object to trim or shift-select to extend or
- [Fence/Crossing/Project/Edge/eRase/Undo]:
- Does not intersect with the cutting edge.
- Select object to trim or shift-select to extend or
- [Fence/Crossing/Project/Edge/eRase/Undo]:
- Command:
- TRIM
- Command: _trim
- Current settings: Projection=UCS, Edge=None
- Select cutting edges ... 1 found
- Select object to trim or shift-select to extend or
- [Fence/Crossing/Project/Edge/eRase/Undo]: Specify opposite corner: Specify opposite corner:

Specify fillet radius <0.2883>: 18
Select first object or
[Undo/Polyline/Radius/Trim/Multiple]:
Select first object or
[Undo/Polyline/Radius/Trim/Multiple]:
Select second object or shift-select to apply corner or [Radius]:
Command:
Command: _fillet
Current settings: Mode = TRIM, Radius = 18.0000
Select first object or
[Undo/Polyline/Radius/Trim/Multiple]: R
Specify fillet radius <18.0000>: 18
Select first object or
[Undo/Polyline/Radius/Trim/Multiple]:
Select second object or shift-select to apply corner or [Radius]:

- Command: Specify opposite corner or [Fence/WPolygon/CPolygon
- Invalid window specification.
- Specify opposite corner: Specify opposite corner: *Cancel*
- Command:
- Command:
- Command: _.undo Current settings: Auto = On, Control = All, Combine = Yes, Layer = Yes

Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]:
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]:
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]: *Cancel*
Window Lasso Press Spacebar to cycle options
Command:
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ... 6 found
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]:
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]: Specify
opposite corner: Specify opposite corner:
Specify opposite corner: Specify opposite corner:
Invalid window specification.
Specify opposite corner: Specify opposite corner:
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]: Specify
opposite corner: Specify opposite corner:
No objects crossed by crossing window.
Select object to trim or shift-select to extend or
Window Lasso Press Spacebar to cycle options
Command: Specify opposite corner or
[Fence/WPolygon/CPolygon]:
Command: *Cancel*
Crossing Lasso Press Spacebar to cycle options
Command:
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ... 7 found
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]:
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]: Specify
opposite corner: Specify opposite corner:
Invalid window specification.
Specify opposite corner: Specify opposite corner: *Cancel*
Command:
Command:
Command: _fillet
Current settings: Mode = TRIM, Radius = 0.2883
Select first object or [Undo/Polyline/Radius/Trim/Multiple]:
Select second object or shift-select to apply corner or
[Radius]:
Command:
Command:
Command:
Command: _fillet
Current settings: Mode = TRIM, Radius = 0.2883
Select first object or [Undo/Polyline/Radius/Trim/Multiple]:
R
Specify fillet radius <0.2883>: 12`*Cancel*

- Enter the number of operations to undo or [Auto/Control/BEgin/End/Mark/Back] <1>: 1 LINE GROUP
- Command:
- Command:
- Command:
- Command: _.undo Current settings: Auto = On, Control = All, Combine = Yes, Layer = Yes
- Enter the number of operations to undo or [Auto/Control/BEgin/End/Mark/Back] <1>: 1 LINE GROUP
- Command: _u LINE GROUP
- Crossing Lasso Press Spacebar to cycle options
- Command:
- Command:
- Command: _trim
- Current settings: Projection=UCS, Edge=None

Command:
Command: _fillet
Current settings: Mode = TRIM, Radius = 18.0000
Select first object or
[Undo/Polyline/Radius/Trim/Multiple]: R
Specify fillet radius <18.0000>: 18
Select first object or
[Undo/Polyline/Radius/Trim/Multiple]:
Select second object or shift-select to apply corner or [Radius]:
Command:
Command: _.erase 1 found
Command: <Grid on>
Command: <Grid off>
Command:
Automatic save to
C:\Users\bsee202134\appdata\local\temp\Drawing1_1_1_1999.sv$ ...
Command:
Command:
Crossing Lasso Press Spacebar to cycle options
Command: PEDIT
Command:
Command: _ai_selall Selecting objects...done.
Command: _u AI_SELALL GROUP

12`
Crossing Lasso Press Spacebar to cycle options
Command:
Command:
Command: _fillet
Current settings: Mode = TRIM, Radius = 0.2883
Select first object or [Undo/Polyline/Radius/Trim/Multiple]:
Select second object or shift-select to apply corner or [Radius]: R
Specify fillet radius <0.2883>: 33
Select second object or shift-select to apply corner or [Radius]:
Command: _u FILLET GROUP
Window Lasso Press Spacebar to cycle options
Command:
Command:
Command: _fillet
Current settings: Mode = TRIM, Radius = 0.2883
Select first object or [Undo/Polyline/Radius/Trim/Multiple]: R
Specify fillet radius <0.2883>: 22
Select first object or [Undo/Polyline/Radius/Trim/Multiple]:
Select second object or shift-select to apply corner or [Radius]:
Command: *Cancel*
Command: *Cancel*
Command:
Command:
Command: _.undo Current settings: Auto = On, Control = All, Combine = Yes, Layer = Yes
Enter the number of operations to undo or [Auto/Control/BEgin/End/Mark/Back] <1>: 1 FILLET GROUP
Window Lasso Press Spacebar to cycle options
Command: *Cancel*
Window Lasso Press Spacebar to cycle options
Command:
Command:
Command: _fillet
Current settings: Mode = TRIM, Radius = 0.2883
Select first object or [Undo/Polyline/Radius/Trim/Multiple]: R
]:

Task2:

Procedure:

I used following commands

Firstly I darwed a rectrangle
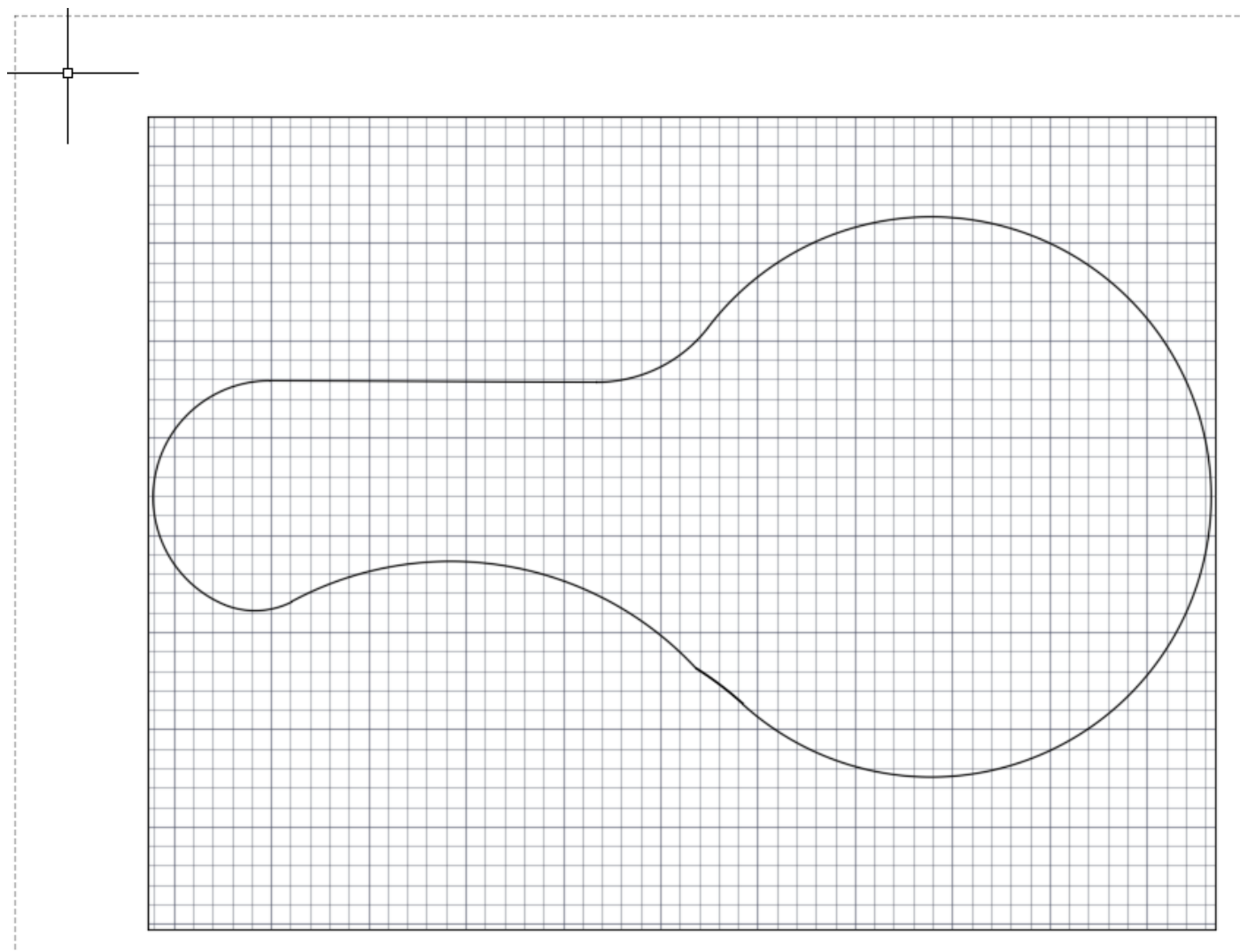
And I used fillet command with different radius

Commands

egenerating model.	Select first object or [Undo/Polyline/Radius/Trim/Multiple]:
AutoCAD menu utilities loaded.	*Cancel*
AutoCAD Electrical menu utilities loaded.	Command:
Command:	Command: _fillet
Command: _rectang	Current settings: Mode = TRIM, Radius = 0.0000
Specify first corner point or	Select first object or [Undo/Polyline/Radius/Trim/Multiple]: R
[Chamfer/Elevation/Fillet/Thickness/Width]	Specify fillet radius <0.0000>: 25
:	Select first object or [Undo/Polyline/Radius/Trim/Multiple]:
Specify other corner point or	Select second object or shift-select to apply corner or [Radius]:
[Area/Dimensions/Rotation]:	Command:
Command:	Command:
** MOVE AND ALIGN **	Command: _fillet
Specify origin point or align to face, surface,	Current settings: Mode = TRIM, Radius = 25.0000
or mesh:	Select first object or [Undo/Polyline/Radius/Trim/Multiple]: R

Command:
Command:
Command: _rectang
Specify first corner point or
[Chamfer/Elevation/Fillet/Thickness/Width]
:
Specify other corner point or
[Area/Dimensions/Rotation]: 120
Command: Regenerating model.
Cancel
Command:
Command:
Command: _.undo Current settings: Auto =
On, Control = All, Combine = Yes, Layer =
Yes
Specify first corner point or
[Chamfer/Elevation/Fillet/Thickness/Width]
:
Specify other corner point or
[Area/Dimensions/Rotation]:
Command: *Cancel*
Command:
Command:
Command: _.undo Current settings: Auto =
On, Control = All, Combine = Yes, Layer =
Yes
Enter the number of operations to undo or
[Auto/Control/BEgin/End/Mark/Back] <1>:
1 RECTANG
Command:
Command:
Command: _.undo Current settings: Auto =
On, Control = All, Combine = Yes, Layer =
Yes
Enter the number of operations to undo or
[Auto/Control/BEgin/End/Mark/Back] <1>:
1 RECTANG GROUP
Command:
Command:
Command: _rectang
Specify first corner point or
[Chamfer/Elevation/Fillet/Thickness/Width]
: d
Point or option keyword required.
Specify first corner point or
[Chamfer/Elevation/Fillet/Thickness/Width]
: 120
Specify other corner point or
[Area/Dimensions/Rotation]:
2D point or option keyword required.
Specify other corner point or
[Area/Dimensions/Rotation]: D
Specify length for rectangles <10.0000>:
120
Specify width for rectangles <10.0000>: 75
Specify other corner point or
[Area/Dimensions/Rotation]:

Specify fillet radius <25.0000>: 20
Select first object or [Undo/Polyline/Radius/Trim/Multiple]:
Select second object or shift-select to apply corner or [Radius]:
Command:
Command:
Command: _fillet
Current settings: Mode = TRIM, Radius = 20.0000
Select first object or [Undo/Polyline/Radius/Trim/Multiple]: R
Specify fillet radius <20.0000>: 15
Select first object or [Undo/Polyline/Radius/Trim/Multiple]:
Select second object or shift-select to apply corner or [Radius]:
Command:
Command:
Enter the number of operations to undo or
[Auto/Control/BEgin/End/Mark/Back] <1>: 1 INTELLIZOOM
Command:
Command:
Command: _.undo Current settings: Auto = On, Control = All,
Combine = Yes, Layer = Yes
Enter the number of operations to undo or
[Auto/Control/BEgin/End/Mark/Back] <1>: 1 RECTANG GROUP
Command:
Command:
Command: _rectang
Specify first corner point or
[Chamfer/Elevation/Fillet/Thickness/Width]:
Specify other corner point or [Area/Dimensions/Rotation]:
Command: *Cancel*
Command:
RECTANG

Command: _fillet
Current settings: Mode = TRIM, Radius = 15.0000
Select first object or [Undo/Polyline/Radius/Trim/Multiple]: R
Specify fillet radius <15.0000>: 30
Select first object or [Undo/Polyline/Radius/Trim/Multiple]:
Select second object or shift-select to apply corner or [Radius]:
Command:
Command:
Command: _line
Specify first point:
Specify next point or [Undo]:
Specify next point or [Undo]: *Cancel*
Command:
Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:
Command:
LINE
Specify first point: *Cancel*
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ...
Select objects or <select all>:
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]: Specify opposite
corner: Specify opposite corner:
Invalid window specification.

Command: Specify opposite corner or
[Fence/WPolygon/CPolygon]:
Command: Specify opposite corner or
[Fence/WPolygon/CPolygon]:
Command:
** MOVE AND ALIGN **
Specify origin point or align to face, surface,
or mesh:
Command: Specify opposite corner or
[Fence/WPolygon/CPolygon]:
Command:
Command:
Command: _move 1 found
Specify base point or [Displacement]
<Displacement>:
Specify second point or <use first point as
displacement>:
Window Lasso Press Spacebar to cycle
options
Command: Specify opposite corner or
[Fence/WPolygon/CPolygon]:
Command:
Command:
Command:
Command: _fillet
Current settings: Mode = TRIM, Radius =
0.0000
Select first object or
[Undo/Polyline/Radius/Trim/Multiple]: R
Specify fillet radius <0.0000>: 25*Cancel*
25
Command:
Command: Specify opposite corner or
[Fence/WPolygon/CPolygon]:
Command:
FILLET
Current settings: Mode = TRIM, Radius =
0.0000

Specify opposite corner: Specify opposite corner:
No objects crossed by crossing window.
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]: *Cancel*
Window Lasso Press Spacebar to cycle options
Command:
Command:
Command:
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ... 3 found
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]:
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]:
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]: Specify opposite
corner: Specify opposite corner: *Cancel*
Command:
Command:
Command: _fillet
Current settings: Mode = TRIM, Radius = 30.0000
Select first object or [Undo/Polyline/Radius/Trim/Multiple]: R
Specify fillet radius <30.0000>: 30
Select first object or [Undo/Polyline/Radius/Trim/Multiple]:
Select second object or shift-select to apply corner or [Radius]:
Command: _.TILEMODE
Enter new value for TILEMODE <1>: 0 Regenerating layout.
Regenerating model - caching viewports.
Command:
Automatic save to
C:\Users\bsee202134\appdata\local\temp\Drawing2_1_1_9986.sv
$ ...
Command:
Command:
Command:
Command:

Task3:

Procedure:

- Firstly I drawed two circles
- Used fillet command
- Drawed a curve

Commands:

0 found	Current settings: Projection=UCS, Edge=None
Select objects:	Select cutting edges ...
Select object to trim or shift-select to extend or	Select objects or <select all>: *Cancel*
[Fence/Crossing/Project/Edge/eRase/Undo]:	Command:
Window Lasso Press Spacebar to cycle options	Command:
Command:	Command: _trim
Command:	Current settings: Projection=UCS, Edge=None
Command:	Select cutting edges ...
Command:	Select objects or <select all>: *Cancel*
Command: _trim	Command:
Current settings: Projection=UCS, Edge=None	Command:
Select cutting edges ... 7 found	Command: _line
Select object to trim or shift-select to extend or	Specify first point:
[Fence/Crossing/Project/Edge/eRase/Undo]:	Specify next point or [Undo]:
Select object to trim or shift-select to extend or	Specify next point or [Undo]: *Cancel*
[Fence/Crossing/Project/Edge/eRase/Undo]:	Command:

Select object to trim or shift-select to extend or [Fence/Crossing/Project/Edge/eRase/Undo]:
Select object to trim or shift-select to extend or [Fence/Crossing/Project/Edge/eRase/Undo]:
Select object to trim or shift-select to extend or [Fence/Crossing/Project/Edge/eRase/Undo]:
Command:
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ...
Select objects or <select all>: 1 found
Select objects: 1 found, 2 total
Select objects: 1 found, 3 total
Select object to trim or shift-select to extend or [Fence/Crossing/Project/Edge/eRase/Undo]: *Cancel*
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ...
Select objects or <select all>: *Cancel*
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ...
Select objects or <select all>: Specify opposite corner:
Invalid window specification.
Specify opposite corner: Specify opposite corner: *Cancel*
0 found
Select objects: *Cancel*
Command:
Command:
Command: _line
Specify first point:
Specify next point or [Undo]:
Specify next point or [Undo]: *Cancel*
Command:
Command:
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ... 1 found
Select object to trim or shift-select to extend or [Fence/Crossing/Project/Edge/eRase/Undo]: *Cancel*
Command: *Cancel*
Command: *Cancel*
Command:
Command:
Command: _.undo Current settings: Auto = On, Control = All, Combine = Yes, Layer = Yes
Enter the number of operations to undo or [Auto/Control/BEgin/End/Mark/Back] <1>: 1 TRIM GROUP

Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ...
Select objects or <select all>: *Cancel*
Command:
Command:
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ... 2 found
Select object to trim or shift-select to extend or [Fence/Crossing/Project/Edge/eRase/Undo]: *Cancel*
Command:
Command:
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ... 1 found
Select object to trim or shift-select to extend or [Fence/Crossing/Project/Edge/eRase/Undo]:
Select object to trim or shift-select to extend or [Fence/Crossing/Project/Edge/eRase/Undo]:
Select object to trim or shift-select to extend or [Fence/Crossing/Project/Edge/eRase/Undo]:
Does not intersect with the cutting edge.
Select object to trim or shift-select to extend or [Fence/Crossing/Project/Edge/eRase/Undo]: *Cancel*
Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:
Command:
Command:
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ... 1 found
Select object to trim or shift-select to extend or [Fence/Crossing/Project/Edge/eRase/Undo]:
Select object to trim or shift-select to extend or [Fence/Crossing/Project/Edge/eRase/Undo]: *Cancel*
Command:
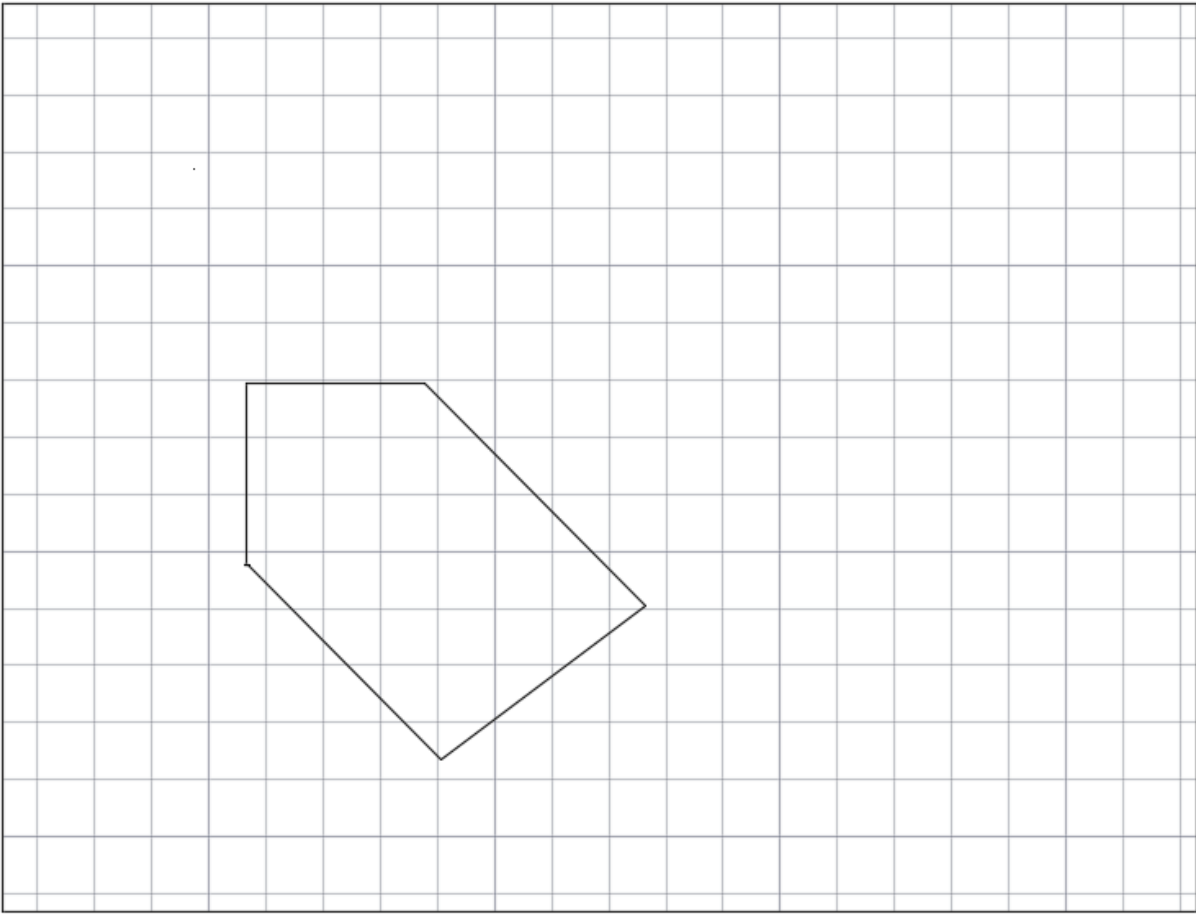Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ...
Select objects or <select all>: *Cancel*
Command:
Command:
Command: _arc
Specify start point of arc or [Center]:
Specify second point of arc or [Center/End]: _e
Specify end point of arc:
Specify center point of arc (hold Ctrl to switch direction) or [Angle/Direction/Radius]: _r
Specify radius of arc (hold Ctrl to switch direction): 43
Command:

Command:
Command:
Command: _.undo Current settings: Auto = On,
Control = All, Combine = Yes, Layer = Yes
Enter the number of operations to undo or
[Auto/Control/BEgin/End/Mark/Back] <1>: 1 LINE
GROUP
Window Lasso Press Spacebar to cycle options
Command:
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ... 7 found
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]:
Cancel
Command:
Command:
Command: _rotate
Current positive angle in UCS:
ANGDIR=counterclockwise ANGBASE=0
1 found
Specify base point:
Specify rotation angle or [Copy/Reference] <0>:
Command:
Command:
Command:
Command: _move 1 found
Specify base point or [Displacement]
<Displacement>:
Specify second point or <use first point as
displacement>:
Command: <Ortho off>
Command:
Command:
** STRETCH **
Specify stretch point or [Base
point/Copy/Undo/eXit]:
Command:
Command:
Command: _move 1 found
Specify base point or [Displacement]
<Displacement>:
Specify second point or <use first point as
displacement>:
Command:
Command: Specify opposite corner or
[Fence/WPolygon/CPolygon]:
Invalid window specification.
Specify opposite corner or
[Fence/WPolygon/CPolygon]: Specify opposite
corner or [Fence/WPolygon/CPolygon]:
Invalid window specification.
Specify opposite corner or
[Fence/WPolygon/CPolygon]: Specify opposite
corner or [Fence/WPolygon/CPolygon]:
Invalid window specification.

Command:
Command: *Cancel*
Command: *Cancel*
Command:
Command: _.erase 1 found
Command:
Command: _.erase 1 found
Command:
Command: _.erase 1 found
Command:
Command: _.erase 1 found
Command:
Command:
Command: _arc
Specify start point of arc or [Center]:
Specify second point of arc or [Center/End]: _e
Specify end point of arc:
Specify center point of arc (hold Ctrl to switch direction) or
[Angle/Direction/Radius]: _r
Specify radius of arc (hold Ctrl to switch direction): 43
Command:
Command: _.erase 1 found
Command:
Command:
Command: _line
Specify first point:
Specify next point or [Undo]:
Specify next point or [Undo]:
Command:
Command:
Command: _fillet
Current settings: Mode = TRIM, Radius = 43.0000
Select first object or
[Undo/Polyline/Radius/Trim/Multiple]: R
Specify fillet radius <43.0000>: 15
Select first object or
[Undo/Polyline/Radius/Trim/Multiple]:
Select second object or shift-select to apply corner or
[Radius]:
No valid fillet with radius 15.0000
Command:
Command: Specify opposite corner or
[Fence/WPolygon/CPolygon]:
Command:
FILLET
Current settings: Mode = TRIM, Radius = 15.0000
Select first object or
[Undo/Polyline/Radius/Trim/Multiple]: *Cancel*
Command:
Command: _fillet
Current settings: Mode = TRIM, Radius = 15.0000
Select first object or
[Undo/Polyline/Radius/Trim/Multiple]: R
Specify fillet radius <15.0000>: 15
Select first object or
[Undo/Polyline/Radius/Trim/Multiple]:

Specify opposite corner or
[Fence/WPolygon/CPolygon]: Specify opposite
corner or [Fence/WPolygon/CPolygon]:
Invalid window specification.
Specify opposite corner or
[Fence/WPolygon/CPolygon]: Specify opposite
corner or [Fence/WPolygon/CPolygon]: *Cancel*

Command:
Command: _line
Specify first point: *Cancel*
Command:
Command: _line
Specify first point:
Specify next point or [Undo]:
Specify next point or [Undo]: *Cancel*
Command:
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ...
Select objects or <select all>: 1 found
Select objects: *Cancel*
Window Lasso Press Spacebar to cycle options
Command: Specify opposite corner or
[Fence/WPolygon/CPolygon]:
Command:
Command:
Automatic save to
C:\Users\bsee202134\appdata\local\temp\Drawing
3_1_1_5793.sv$ ...
Command:
Command:
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ... 6 found
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]: Specify
opposite corner: Specify opposite corner: *Cancel*
Command:
Command:
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ... 1 found
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]:
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]:
Cancel
Command:
Command:
Command: _trim

Select second object or shift-select to apply corner or
[Radius]:
No valid fillet with radius 15.0000
Command:
FILLET
Current settings: Mode = TRIM, Radius = 15.0000
Select first object or
[Undo/Polyline/Radius/Trim/Multiple]:
Command:
Command: Specify opposite corner or
[Fence/WPolygon/CPolygon]:
Invalid window specification.
Specify opposite corner or [Fence/WPolygon/CPolygon]:
Specify opposite corner or [Fence/WPolygon/CPolygon]:
Invalid window specification.
Specify opposite corner or [Fence/WPolygon/CPolygon]:
Specify opposite corner or [Fence/WPolygon/CPolygon]:
Invalid window specification.
Specify opposite corner or [Fence/WPolygon/CPolygon]:
Specify opposite corner or [Fence/WPolygon/CPolygon]:
Cancel
Command: *Cancel*
Command:
Command:
Command: _fillet
Current settings: Mode = TRIM, Radius = 15.0000
Select first object or
[Undo/Polyline/Radius/Trim/Multiple]: R
Specify fillet radius <15.0000>: 10
Select first object or
[Undo/Polyline/Radius/Trim/Multiple]:
Select second object or shift-select to apply corner or
[Radius]:
Command: _.TILEMODE
Enter new value for TILEMODE <1>: 0 Regenerating layout.
Regenerating model - caching viewports.
Command:
Automatic save to
C:\Users\bsee202134\appdata\local\temp\Drawing3_1_1
_5793.sv$ ...
Command:
Window Lasso Press Spacebar to cycle options

Task4:

Procedure:

I drawed five lines and joined

Commands:

Commands:	Specify next point or
egenerating model.	[Arc/Close/Halfwidth/Length/Undo/Width]: 19
AutoCAD menu utilities loaded.	Specify next point or
AutoCAD Electrical menu utilities loaded.	[Arc/Close/Halfwidth/Length/Undo/Width]:
Command:	Command:
Command:	Command: _.erase 1 found
Command:	Command:
Command: Regenerating model.	Command:
** MOVE AND ALIGN **	Command: _dimlinear
Specify origin point or align to face, surface, or mesh:	Specify first extension line origin or <select object>:
Command:	Select object to dimension:
Command:	Specify dimension line location or
Command: _line	[Mtext/Text/Angle/Horizontal/Vertical/Rotated]:
Specify first point:	Command:
Specify next point or [Undo]: <Ortho on> 40	Command:
Specify next point or [Undo]:	DIMLINEAR
Command:	Specify first extension line origin or <select object>:
Command:	Specify second extension line origin:
Command: _line	Specify dimension line location or
Specify first point:	[Mtext/Text/Angle/Horizontal/Vertical/Rotated]:

```
Specify next point or [Undo]:                          Dimension text = 0.0000
Command:                                               Command:
Command: _line                                         Command: _.erase 1 found
Specify first point: <Ortho off>                       Dimension disassociated.
Specify next point or [Undo]: 60                       Command:
Specify next point or [Undo]:                          Command:
Command:                                                Command: _line
Command: _.erase 1 found                               Specify first point:
Command:                                                Specify next point or [Undo]: 60
Command:                                                Specify next point or [Undo]: *Cancel*
Command: _line                                         *Cancel*
Specify first point:                                    Command:
Specify next point or [Undo]: 60                       Command:
Specify next point or [Undo]:                          Command: _line
Command:                                                Specify first point:
Command:                                                Specify next point or [Undo]: 60
Command: _pline                                         Specify next point or [Undo]:
Specify start point:                                    Command:
Current line-width is 0.0000                            Command:
Specify next point or                                   Command: _line
[Arc/Halfwidth/Length/Undo/Width]: 10                 Specify first point:
                                                        Specify next point or [Undo]:
Specify next point or [Undo]:                          Specify next point or [Undo]:
Command:                                                Specify next point or [Close/Undo]:
Command:                                                Command:
Command: _line                                         LINE
Specify first point:                                    Specify first point:
Specify next point or [Undo]:                          Specify next point or [Undo]: *Cancel*
Specify next point or [Undo]:                          Command:
Command:                                                Command: _.erase 1 found
Command: Specify opposite corner or                    Command:
[Fence/WPolygon/CPolygon]:                             Command: _.erase 1 found
Command:                                                Command:
Command:                                                Command:
Command: _line                                         Command: _line
Specify first point:                                    Specify first point:
Specify next point or [Undo]:                          Specify next point or [Undo]:
Command:                                                Specify next point or [Undo]:
Command:                                                Specify next point or [Close/Undo]: *Cancel*
Command: _dim                                           *Cancel*
Select objects or specify first extension line origin or   Command: *Cancel*
[Angular/Baseline/Continue/Ordinate/aliGn/Distribute   Command:
/Layer/Undo]:                                           Command: _.erase 1 found
Select line to specify extension lines origin:         Command:
Specify dimension line location or second line for     Command: _.erase 1 found
angle [Mtext/Text/text aNgle/Undo]:                    Command:
Select objects or specify first extension line origin or   Command:
[Angular/Baseline/Continue/Ordinate/aliGn/Distribute   Command: _line
/Layer/Undo]:                                           Specify first point:
Select objects or specify first extension line origin or   Specify next point or [Undo]:
[Angular/Baseline/Continue/Ordinate/aliGn/Distribute   Specify next point or [Undo]:
/Layer/Undo]:*Cancel*                                   Command:
Command:                                                Command:
Command: _.undo Current settings: Auto = On,           Command:
Control = All, Combine = Yes, Layer = Yes              Command: _trim
                                                        Current settings: Projection=UCS, Edge=None
                                                        Select cutting edges ... 1 found
```

Enter the number of operations to undo or
[Auto/Control/BEgin/End/Mark/Back] <1>: 1 DIM
GROUP
Command:
Command:
Command: _line
Specify first point:
Specify next point or [Undo]: 40
Specify next point or [Undo]:
Command:
Command:
LINE
Specify first point:
Specify next point or [Undo]: Zero length line created
at (111.8270, 46.1086, 0.0000)
Specify next point or [Undo]:
Specify next point or [Close/Undo]:
Specify next point or [Close/Undo]:
Command:
Command: _.erase 1 found
Command:
Command: _.erase 1 found
Command:
Command: _.erase 1 found
Command:
Command: Specify opposite corner or
[Fence/WPolygon/CPolygon]:
Command: _.erase 1 found
Command:
Command:
Command: _line
Specify first point:
Specify next point or [Undo]: *Cancel*
Command:
Command:
Command: _.erase 2 found
Command:
** MOVE AND ALIGN **
Specify origin point or align to face, surface, or mesh:
Command: <Ortho off>
Command:
** MOVE AND ALIGN **
Specify origin point or align to face, surface, or mesh:
Command:
** MOVE AND ALIGN **
Specify origin point or align to face, surface, or mesh:
Command:
Command:
Command: _line
Specify first point:
Specify next point or [Undo]: <Ortho on> 60
Specify next point or [Undo]:
Command:
Command:
Command: _line
Specify first point: *Cancel*
Command:

Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]: Specify
opposite corner: Specify opposite corner:
Select object to trim or shift-select to extend or
[Fence/Crossing/Project/Edge/eRase/Undo]:
Command:
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ...
Select objects or <select all>: Specify opposite corner:
Invalid window specification.
Specify opposite corner: Specify opposite corner:
Invalid window specification.
Specify opposite corner: Specify opposite corner:
Cancel
0 found
Window Lasso Press Spacebar to cycle options6 found
1 was not a valid edge or selection method.
Select objects: 1 found, 6 total
Select objects: *Cancel*
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ...
Select objects or <select all>: 1 found
Select objects: *Cancel*
Command:
Command: _trim
Current settings: Projection=UCS, Edge=None
Select cutting edges ...
Select objects or <select all>: 1 found
Select objects: *Cancel*
Command:
Command: _.erase 1 found
Command:
Command: _.erase 1 found
Command:
Command:
Command: _line
Specify first point:
Specify next point or [Undo]:
Specify next point or [Undo]:
Command:
Command: _.erase 1 found
Command:
Command:
Command: _line
Specify first point:
Specify next point or [Undo]:
Specify next point or [Undo]:
Command:
Automatic save to
C:\Users\bsee202134\appdata\local\temp\Drawing4_1_
1_5500.sv$ ...
Command:
Command: _.TILEMODE

Command: _line
Specify first point:
Specify next point or [Undo]: 40
Specify next point or [Undo]:
Command:
Command:
Command: _line
Specify first point:
Specify next point or [Undo]:
Specify next point or [Undo]:
Automatic save to
C:\Users\bsee202134\appdata\local\temp\Drawing4_
1_1_5500.sv$ ...
Command:
Command:

Enter new value for TILEMODE <1>: 0 Regenerating
layout.
Regenerating model - caching viewports.

THE END