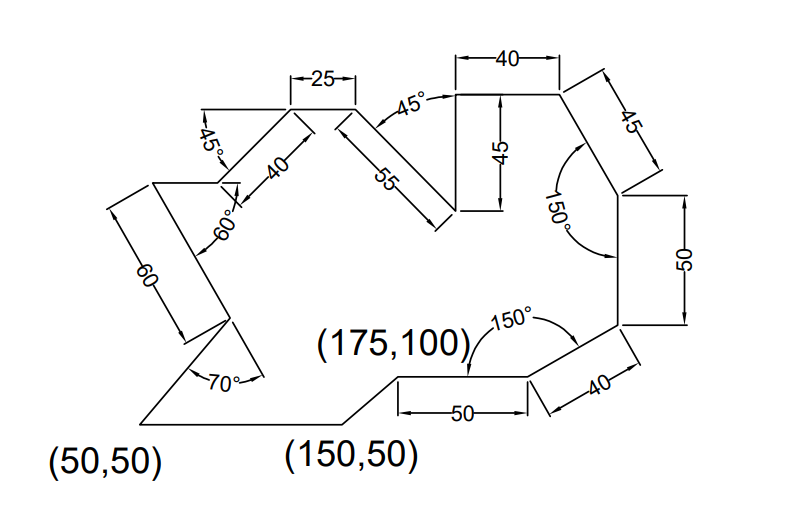
***Task 1***



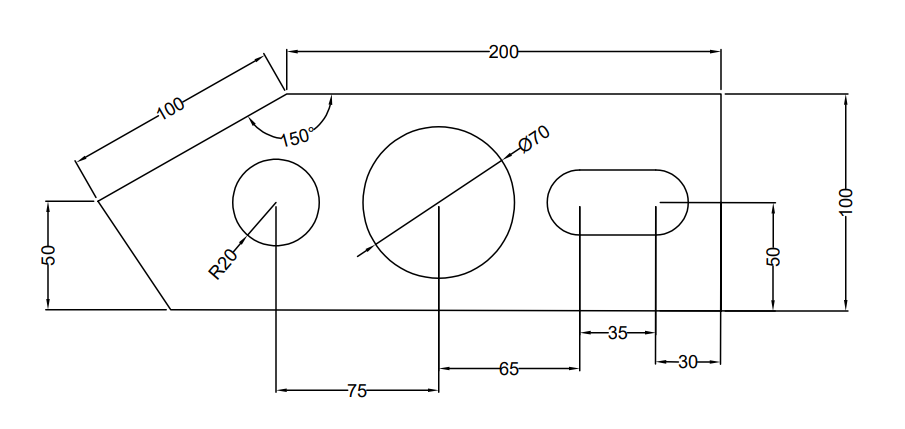
***Procedure:***

* Select the initial line start points (175,100) give length 50
* Draw another line of 40 with angle 150 to the previous line
* Draw perpendicular line of 50 units
* Draw other lines of 45 with angle 150 to the previous line
* Draw horizontal 40-unit line
* Draw vertically downward 40-unit line
* Draw another line of 55 with angle 45 to the previous line
* Draw horizontal 25-unit line
* Draw another line of 40 with angle 45 to the previous line
* Draw horizontal line of 20 unit
* Draw another line of 60 with angle 60 to the previous line
* Draw another line start from the end of previous line and end at (50,50) with width angle 45 to the previous line
* Extend the previous line to the point (150,50)
* Extend the previous line to the point (175,100)
* After drawing the figure measure all the dimensions

***Commands:***

|  |  |
| --- | --- |
| Command: '\_pan  Press ESC or ENTER to exit, or right-click to display shortcut menu.  Command: DIM  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Non-associative dimension created.  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Command: DST  DIMSTYLE  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: DIMSTYLE  Command: DIMSTYLE  Command: '\_pan  Press ESC or ENTER to exit, or right-click to display shortcut menu.  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]: DIMSTYLE  Command: \_dimangular  Select arc, circle, line, or <specify vertex>:  Select second line:  Specify dimension arc line location or [Mtext/Text/Angle/Quadrant]:  Dimension text = 60  Command: \*Cancel\*  Command: DIMANGULAR  Select arc, circle, line, or <specify vertex>:  Select second line:  Specify dimension arc line location or [Mtext/Text/Angle/Quadrant]:  Dimension text = 45  Command:  Command: \*Cancel\*  Specify start point of text or [Justify/Style]:  Specify height <0.2000>:  Specify rotation angle of text <0>:  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]: \*Cancel\*  Command: \_textedit  Current settings: Edit mode = Multiple  Select an annotation object or [Undo/Mode]:  Select an annotation object or [Undo/Mode]:  Select an annotation object or [Undo/Mode]: \*Cancel\*  Command: \*Cancel\*  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]: \*Cancel\*  Command: \*Cancel\*  Current settings: Edit mode = Multiple  Select an annotation object or [Undo/Mode]: \*Cancel\*  Command:  Command: \_qsave  Command: \_text  Current text style: "Standard" Text height: 10.0000 Annotative: No Justify: Left  Specify start point of text or [Justify/Style]:  Specify height <10.0000>: | Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Non-associative dimension created.  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Automatic save to C:\Users\ADMINI~1\AppData\Local\Temp\LAB\_07\_1\_6588\_20c5df90.sv$ ...  Command:  Command: DIM  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Command: DIMANGULAR  Select arc, circle, line, or <specify vertex>:  Select second line:  Specify dimension arc line location or [Mtext/Text/Angle/Quadrant]:  Dimension text = 45  Command: DIMANGULAR  Select arc, circle, line, or <specify vertex>:  Select second line:  Specify dimension arc line location or [Mtext/Text/Angle/Quadrant]:  Dimension text = 150  Command: \*Cancel\*  Automatic save to C:\Users\ADMINI~1\AppData\Local\Temp\LAB\_07\_1\_6588\_20c5df90.sv$ ...  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: \*Cancel\*  Command: DIMANGULAR  Select arc, circle, line, or <specify vertex>:  Select second line:  Specify dimension arc line location or [Mtext/Text/Angle/Quadrant]:  Dimension text = 150  Command: \*Cancel\*  Command: DIMANGULAR  Select arc, circle, line, or <specify vertex>:  Select second line:  Specify dimension arc line location or [Mtext/Text/Angle/Quadrant]:  Dimension text = 70  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Command:  Command: \_mleader  Specify leader arrowhead location or [leader Landing first/Content first/Options] <Options>: \*Cancel\*  Command: \_mleader  Specify leader arrowhead location or [leader Landing first/Content first/Options] <Options>:  Specify leader landing location:  Command: \_.erase 1 found  Command: T  MTEXT  Current text style: "Standard" Text height: 0.2000 Annotative: No  Specify first corner:  Specify opposite corner or [Height/Justify/Line spacing/Rotation/Style/Width/Columns]:  Command: TEXT  Current text style: "Standard" Text height: 0.2000 Annotative: No Justify: Left  Command: \_dim  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Command:  Command: \_text  Current text style: "Standard" Text height: 10.0000 Annotative: No Justify: Left  Specify start point of text or [Justify/Style]: \*Cancel\*  Current text style: "Standard" Text height: 10.0000 Annotative: No Justify: Left  Specify start point of text or [Justify/Style]:  Specify height <10.0000>:  Value must be positive and nonzero.  Specify height <10.0000>:  Specify rotation angle of text <0>:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: \*Cancel\*  Command: LAYOUT  Enter layout option [Copy/Delete/New/Template/Rename/SAveas/Set/?] <set>:  Enter layout to make current <Layout1>: n  Command:  Command: \_PLOT Effective plotting area: 8.50 wide by 3.05 high  Plotting viewport 2.  Automatic save to C:\Users\ADMINI~1\AppData\Local\Temp\LAB\_07\_1\_29770\_0e922090.sv$ ...  Command: |

***Task 2***

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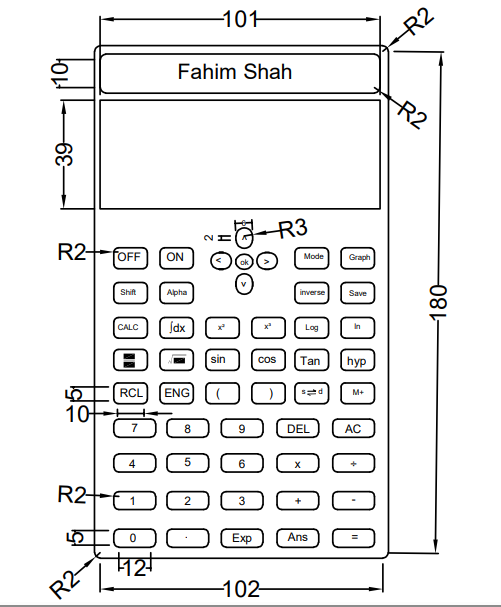
***Procedure:***

* Draw a line of 75 units and draw two circles on its ends one of radius 20 and other diameter 70 and trim the line.
* Draw a line of 65 units to the previous line and draw another line of 35 units, trim the previous line
* Make the offset of the line and draw circles on its ends and trim the unwanted area
* Draw a line of 100 units, then another of 200 units, then another of 100 units with angle 150 then of 50 and then join end line to first line.
* Draw all the dimensions of the lines, angles, and circles

***Commands:***

|  |  |
| --- | --- |
| AutoCAD menu utilities loaded.  AutoCAD Electrical menu utilities loaded.\*Cancel\*  Command:  Autodesk DWG. This file is a TrustedDWG last saved by an Autodesk application or Autodesk licensed application.  Command:  Command:  Command: '\_pan  Press ESC or ENTER to exit, or right-click to display shortcut menu.  Command: L  LINE  Specify first point:  Specify next point or [Undo]: 75  Specify next point or [Undo]: 50  Specify next point or [Close/Undo]: 65  Specify next point or [Close/Undo]: \*Cancel\*  Command: C  CIRCLE  Specify center point for circle or [3P/2P/Ttr (tan tan radius)]:  Specify radius of circle or [Diameter]: 20  Command: CIRCLE  Specify center point for circle or [3P/2P/Ttr (tan tan radius)]:  Specify radius of circle or [Diameter] <20.0000>: d  Specify diameter of circle <40.0000>: 70  Command:  Command: \_.erase 1 found  Command:  Command: \_.erase 1 found  Command: L  LINE  Specify first point:  Specify next point or [Undo]: 65  Specify next point or [Undo]: 35  Specify next point or [Close/Undo]: \*Cancel\*  Command:  Command: \_.erase 1 found  Command: O  OFFSET  Current settings: Erase source=No Layer=Source OFFSETGAPTYPE=0  Specify offset distance or [Through/Erase/Layer] <Through>: 15  Select object to offset or [Exit/Undo] <Exit>:  Specify point on side to offset or [Exit/Multiple/Undo] <Exit>:  Select object to offset or [Exit/Undo] <Exit>:  Specify point on side to offset or [Exit/Multiple/Undo] <Exit>:  Select object to offset or [Exit/Undo] <Exit>: \*Cancel\*  Command: C  CIRCLE  Specify center point for circle or [3P/2P/Ttr (tan tan radius)]: 3p  Specify first point on circle:  Specify second point on circle:  Specify third point on circle: \*Cancel\*  \*\* STRETCH \*\*  Select arc, circle, line, or <specify vertex>:  Select second line:  Specify dimension arc line location or [Mtext/Text/Angle/Quadrant]:  Dimension text = 90  Command: DIMANGULAR  Select arc, circle, line, or <specify vertex>:  Select second line:  Specify dimension arc line location or [Mtext/Text/Angle/Quadrant]: \*Cancel\*  Command:  Command: \*Cancel\*  Command: \*Cancel\*  Command: \*Cancel\*  Command:  Command: \_.erase 1 found  Command: L  LINE  Specify first point:  Specify next point or [Undo]:  Specify next point or [Undo]: \*Cancel\*  Command: TR  TRIM  Current settings: Projection=UCS, Edge=None, Mode=Quick  Select object to trim or shift-select to extend or  [cuTting edges/Crossing/mOde/Project/eRase]:  Select object to trim or shift-select to extend or  [cuTting edges/Crossing/mOde/Project/eRase/Undo]:  Select object to trim or shift-select to extend or  [cuTting edges/Crossing/mOde/Project/eRase/Undo]:  Select object to trim or shift-select to extend or  [cuTting edges/Crossing/mOde/Project/eRase/Undo]:  Select object to trim or shift-select to extend or  [cuTting edges/Crossing/mOde/Project/eRase/Undo]: \*Cancel\*  Automatic save to C:\Users\ADMINI~1\AppData\Local\Temp\LAB\_07\_1\_31789\_9b5caa72.sv$ ...  Command:  Command: \*Cancel\*  Command: '\_pan  Press ESC or ENTER to exit, or right-click to display shortcut menu.  Command:  Command:  Command: \_dim  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:'\_pan  >>Press ESC or ENTER to exit, or right-click to display shortcut menu.  Resuming DIM command.  Command:  Command: \*Cancel\*  Command: \*Cancel\*  Command: '\_pan  Press ESC or ENTER to exit, or right-click to display shortcut menu.  Command: \_dim  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Select extension line origin as baseline or [Continue]:  Current settings: Offset (DIMDLI) = 2.000000  Specify second extension line origin or [Select/Offset/Undo] <Select>:\*Cancel\*  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Command: \_u DIM GROUP  Command:  Command:  Command: \_dim  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Command:  Command: \_dim  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Command:  Command:  Command: \_dim  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]: | Command:  Command:  Command: \_circle  Specify center point for circle or [3P/2P/Ttr (tan tan radius)]:  Specify radius of circle or [Diameter] <35.0000>:  Command: CIRCLE  Specify center point for circle or [3P/2P/Ttr (tan tan radius)]:  Specify radius of circle or [Diameter] <15.0000>:  Command: TR  TRIM  Current settings: Projection=UCS, Edge=None, Mode=Quick  Select object to trim or shift-select to extend or  [cuTting edges/Crossing/mOde/Project/eRase]:  Select object to trim or shift-select to extend or  [cuTting edges/Crossing/mOde/Project/eRase/Undo]:  Select object to trim or shift-select to extend or  [cuTting edges/Crossing/mOde/Project/eRase/Undo]:  Select object to trim or shift-select to extend or  [cuTting edges/Crossing/mOde/Project/eRase/Undo]:  Select object to trim or shift-select to extend or  [cuTting edges/Crossing/mOde/Project/eRase/Undo]:  Select object to trim or shift-select to extend or  [cuTting edges/Crossing/mOde/Project/eRase/Undo]:  Select object to trim or shift-select to extend or  [cuTting edges/Crossing/mOde/Project/eRase/Undo]:  Select object to trim or shift-select to extend or  [cuTting edges/Crossing/mOde/Project/eRase/Undo]: \*Cancel\*  Command: L  LINE  Specify first point:  Specify next point or [Undo]: 30  Specify next point or [Undo]: 50  Specify next point or [Close/Undo]: 100  Specify next point or [Close/Undo]: 200  Specify next point or [Close/Undo]: \*Cancel\*  Command: LINE  Specify first point:  Specify next point or [Undo]: 100  Specify next point or [Undo]: 50  Specify next point or [Close/Undo]:  Specify next point or [Close/Undo]: \*Cancel\*  Command:  Command:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:\*Cancel\*  Command: \*Cancel\*  Command:  Command: \_.erase 1 found  Specify stretch point or [Base point/Copy/Undo/eXit]:  \*\* LENGTHEN \*\*  Specify end point:\*Cancel\*  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]: \*Cancel\*  Command: \_dimangular  Command:  Command:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]: \*Cancel\*  Command: \*Cancel\*  Command:  Command:  Command: \_dim  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Command:  Command:  Command:  Command: \_TEXTEDIT  Current settings: Edit mode = Multiple  Select an annotation object or [Undo/Mode]:  Select an annotation object or [Undo/Mode]: \*Cancel\*  Command:  Command:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command: \*Cancel\*  Command: DIM  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:b  Current settings: Offset (DIMDLI) = 2.000000  Specify first extension line origin as baseline or [Offset]:\*Cancel\*  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Command:  Command:  Command: \_dimradius  Select arc or circle:  Dimension text = 20  Specify dimension line location or [Mtext/Text/Angle]:  Command:  Command:  Command: \_dimradius  Select arc or circle: \*Cancel\*  Command:  Command: \_dimdiameter  Select arc or circle:  Dimension text = 70  Specify dimension line location or [Mtext/Text/Angle]:  Command:  Command:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Non-associative dimension created.  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Non-associative dimension created.  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Non-associative dimension created.  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Command:  Command: \_dim  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Command:  Command:  Command: \_dim  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Specify second extension line origin or [Undo]:  Specify dimension line location or second line for angle [Mtext/Text/text aNgle/Undo]:  Select objects or specify first extension line origin or [Angular/Baseline/Continue/Ordinate/aliGn/Distribute/Layer/Undo]:  Command:  Command: \_dimlinear  Specify first extension line origin or <select object>:  Specify second extension line origin:  Specify dimension line location or  [Mtext/Text/Angle/Horizontal/Vertical/Rotated]:  Dimension text = 50  Command: \_dimangular  Select arc, circle, line, or <specify vertex>:  Select second line:  Select second line:  Specify dimension arc line location or [Mtext/Text/Angle/Quadrant]:  Dimension text = 150  Command:  Command:  Command: \_qsave |

***Task 3:***

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***Procedure:***

* Draw body rectangle of length 102 units and width 180, name rectangle of length 101 and width 10 units, and another rectangle for the screen of length 101 and width 39 units.
* Give the offsets to all these rectangle of radius 2 units
* Draw a rectangle of length 12 units and width 5 and give fillet of radius 2 for the pad numerical and basic mathematical operation buttons and the copy and pasted all the required button
* Draw a rectangle of length 10 units and width 5 and give fillet of radius 2 for the specific operation buttons and the copy and pasted all the required button
* Inserted all the text to each button as required.
* At the end measure all the dimensions.

***Commands:***

|  |  |
| --- | --- |
| Command: \_mtedit  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: \_pasteclip  Specify insertion point:  Command: \_mtedit  Command: \_pasteclip  Specify insertion point:  Command: '\_.quickproperties  Command: '\_.quickproperties  Command: \_copyclip 3 found  Command: '\_.quickproperties  Command: \_pasteclip Specify insertion point:  Command: \*Cancel\*  Command: \*Cancel\*  Command: \_u PASTECLIP GROUP  Command: \_copyclip 1 found  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: \_.erase 2 found  Command: \_u ERASE  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: \*Cancel\*  Command: \_copyclip 1 found  Command: \*Cancel\*  Command: \_.erase 1 found  Command: \_pasteclip Specify insertion point:  Command:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: \*Cancel\*  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]: \*Cancel\*  Command: \*Cancel\*  \*\* STRETCH \*\*  Specify stretch point:  Command:  \*\* STRETCH \*\*  Specify stretch point:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]: \*Cancel\*  Command: \*Cancel\*  \*\* STRETCH \*\*  Specify stretch point:  Command:  \*\* STRETCH \*\*  Specify stretch point:  Command: \_pasteclip Specify insertion point:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: \*Cancel\*  Command: \_copyclip 1 found  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]: \*Cancel\*  Command: \_pasteclip Specify insertion point:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]: \*Cancel\*  Command: \_rotate  Current positive angle in UCS: ANGDIR=counterclockwise ANGBASE=0  Specify base point:  Specify rotation angle or [Copy/Reference] <181>:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]: \*Cancel\*  Command:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command: \*Cancel\*  Command: \_pasteclip Specify insertion point:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Current positive angle in UCS: ANGDIR=counterclockwise ANGBASE=0  Specify base point:  Specify rotation angle or [Copy/Reference] <180>:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command: \*Cancel\*  Command: \_pasteclip Specify insertion point:  Command: \_rotate  Current positive angle in UCS: ANGDIR=counterclockwise ANGBASE=0  1 found  Specify base point:  Specify rotation angle or [Copy/Reference] <270>: | Command: \_pasteclip Specify insertion point:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: \_mtedit  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]: \*  Command: \*Cancel\*  Command: \_pasteclip Specify insertion point:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command: \_mtedit  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: \*Cancel\*  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  Command: \_copyclip 1 found  Command: \*Cancel\*  Command: \_pasteclip Specify insertion point:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command:  \*\* STRETCH \*\*  Specify stretch point:  Command: \*Cancel\*  \*\* STRETCH \*\*  Specify stretch point:  Command:  \*\* STRETCH \*\*  Specify stretch point:  Command:  \*\* STRETCH \*\*  Specify stretch point:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  \*\* STRETCH \*\*  Specify stretch point:  Command:  \*\* STRETCH \*\*  Specify stretch point:  Command: \*Cancel\*  Command: \_.erase 1 found  Command: REC  RECTANG  Specify first corner point or [Chamfer/Elevation/Fillet/Thickness/Width]:  Specify other corner point or [Area/Dimensions/Rotation]:  \*\* STRETCH \*\*  Specify stretch point:  \*\* STRETCH \*\*  Specify stretch point:  Command: \*Cancel\*  Command: F  FILLET  Current settings: Mode = TRIM, Radius = 1.7500  Select first object or [Undo/Polyline/Radius/Trim/Multiple]: m  Select first object or [Undo/Polyline/Radius/Trim/Multiple]: r  Specify fillet radius <1.7500>: 2  Select first object or [Undo/Polyline/Radius/Trim/Multiple]:  Select second object or shift-select to apply corner or [Radius]:  Select first object or [Undo/Polyline/Radius/Trim/Multiple]:  Select second object or shift-select to apply corner or [Radius]:  Select first object or [Undo/Polyline/Radius/Trim/Multiple]:  Select second object or shift-select to apply corner or [Radius]:  Select second object or shift-select to apply corner or [Radius]: \*Cancel\*  Command: FILLET  Current settings: Mode = TRIM, Radius = 2.0000  Select first object or [Undo/Polyline/Radius/Trim/Multiple]: m  Select first object or [Undo/Polyline/Radius/Trim/Multiple]: r  Specify fillet radius <2.0000>:  Select first object or [Undo/Polyline/Radius/Trim/Multiple]:  Select second object or shift-select to apply corner or [Radius]:  Select first object or [Undo/Polyline/Radius/Trim/Multiple]:  Select second object or shift-select to apply corner or [Radius]:  Select first object or [Undo/Polyline/Radius/Trim/Multiple]: \*Cancel\*  Command:  Command:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command: \*Cancel\*  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]: \*Cancel\*  Command:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command:  \*\* STRETCH \*\*  Specify stretch point or [Base point/Copy/Undo/eXit]:  Command: Specify opposite corner or [Fence/WPolygon/CPolygon]: \*Cancel\*  Command: \*Cancel\*  Command: \_PLOT Effective plotting area: 8.50 wide by 4.43 high  Plotting viewport 2.  Automatic save to C:\Users\ADMINI~1\AppData\Local\Temp\LAB\_07\_1\_16785\_c2fbb34e.sv$ ...  Command:  Command: \*Cancel\* |