

Lab #02

Objective: Understanding & Implementation of Drawings through Line Type, Break, Mirror, Copy.

EXERCISE #01:

COMMANDS:

Command: line
Specify first point: 4,4
Specify next point or [Undo]: 10,4
Command: mirror
Select objects: 1 found
Select objects:
Specify first point of mirror line: 4,3
Specify second point of mirror line: 10,3
Erase source objects? [Yes/No] <N>: n
Command: break
Select object:
Specify second break point or [First point]: 4
Command: _u BREAK
Command: 2
Command: break
Select object:
Specify second break point or [First point]: 2

Output Drawing:



EXERCISE #02:

COMMANDS:

Command: C
CIRCLE Specify center point for circle or [3P/2P/Ttr (tan tan radius)]: 6,6
Specify radius of circle or [Diameter]: 1
Command: MIRROR
Select objects: 1 found
Select objects:
Specify first point of mirror line: <Snap on> <Snap off> Specify second point of mirror line:
Command: MIRROR
Select objects: 1 found
Select objects:
Specify first point of mirror line: <Snap on> <Snap off> <Osnap off> 5.23,6.6
Specify second point of mirror line: 5.34,5.2
Erase source objects? [Yes/No] <N>: N
Command: BREAK

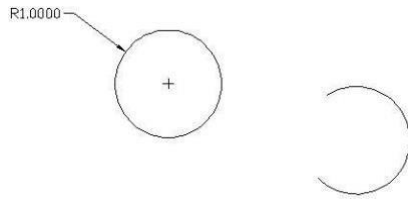
Select object:

Specify second break point or [First point]: F

Specify first break point:

Specify second break point:

Output Drawing:



EXERCISE #03:

COMMANDS:

Command: L

LINE Specify first point: 3,5

Specify next point or [Undo]: 7,5

Specify next point or [Undo]: 7,8

Specify next point or [Close/Undo]: *Cancel*

Command: MIRROR

Select objects: 1 found

Select objects: 1 found, 2 total

Select objects: 1 found, 3 total

Select objects:

Specify first point of mirror line: <Snap on> 8.5,8

Specify second point of mirror line:

Command: MIRROR

Select objects: 1 found

Select objects: Specify opposite corner: 1 found, 2 total

Select objects: 1 found, 3 total

Select objects: <Snap off>

Specify first point of mirror line: <Snap on> 7,4

Specify second point of mirror line:

Erase source objects? [Yes/No] <N>: N

Command: MIRROR

Select objects: 1 found

Select objects: 1 found, 2 total Select objects: 1

found, 3 total Select objects:

Specify first point of mirror line: 10,3

Specify second point of mirror line: <Snap off> _u

Specify second point of mirror line:

Command: MIRROR

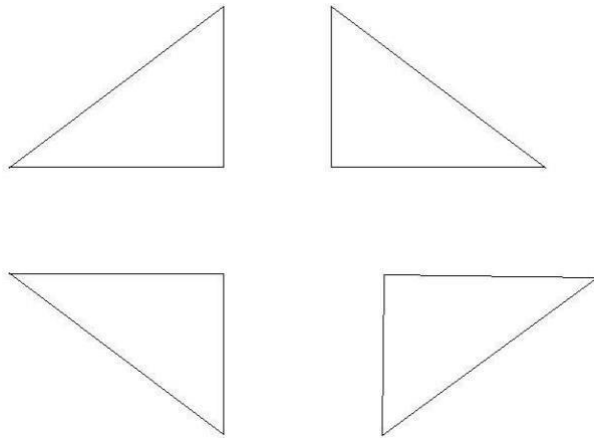
Select objects: 1 found

Select objects: 1 found, 2 total Select objects: 1

found, 3 total Select objects:

Specify first point of mirror line: 8.5,3 Specify second

point of mirror line:

Output Drawing:**EXERCISE #04:****COMMANDS:**

Command: L

LINE Specify first point: 3,5

Specify next point or [Undo]: 7,5

Specify next point or [Undo]: 7,8

Specify next point or [Close/Undo]: 3,5

Command: COPY

Select objects: 1 found

Select objects: 1 found, 2 total

Select objects: Specify opposite corner: 1 found, 3 total

Select objects:

Specify base point or [Displacement] <Displacement>: <Snap on> Specify second point or <use first point as displacement>:

Command: COPY

Select objects: Specify opposite corner: 0 found

Select objects: Specify opposite corner: 0 found

Select objects: <Snap off> 1 found

Select objects: 1 found, 2 total

Select objects: 1 found, 3 total

Select objects:

Specify base point or [Displacement] <Displacement>: <Snap on> Specify second point or <use first point as displacement>:

Command: COPY

Select objects: <Snap off> 1 found

Select objects: 1 found, 2 total

Select objects: 1 found, 3 total

Select objects:

Specify base point or [Displacement] <Displacement>: <Snap on> Specify second point or <use first point as displacement>:

Command: COPY

Select objects: <Snap off> 1 found

Select objects: 1 found, 2 total

Select objects: 1 found, 3 total

Select objects:

Specify base point or [Displacement] <Displacement>: <Snap on> Specify second point or <use first point as displacement>:

Command: COPY

Select objects: Specify opposite corner: 0 found

Select objects: Specify opposite corner: <Snap off> 0 found

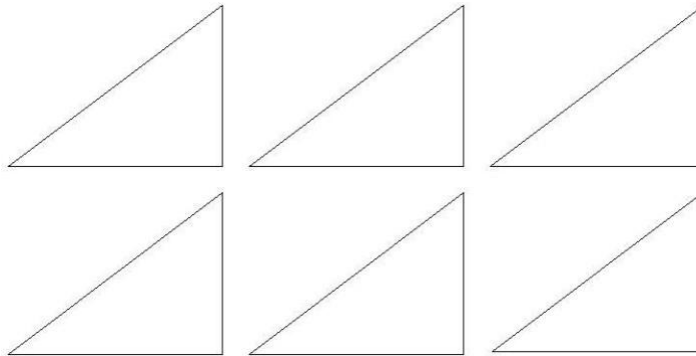
Select objects: 1 found

Select objects: 1 found, 2 total

Select objects: 1 found, 3 total

Select objects:

Output Drawing:



EXERCISE #05:

COMMANDS:

Command: LT

LINETYPE

Command: L

LINE Specify first point: 2,2

Specify next point or [Undo]: 6,2

Specify next point or [Undo]: _u

Specify next point or [Undo]: _u All segments already undone.

Specify first point: 2,2

Specify next point or [Undo]: 10,2

Output Drawing:

