

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

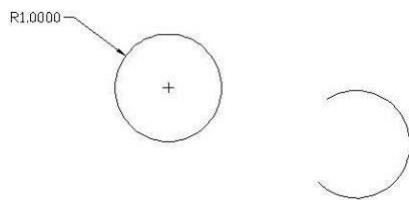
Specify second point of mirror line: 5.34,5.2

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:

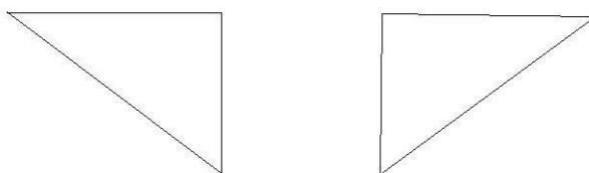
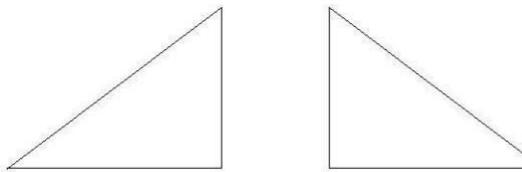


EXERCISE #03:

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

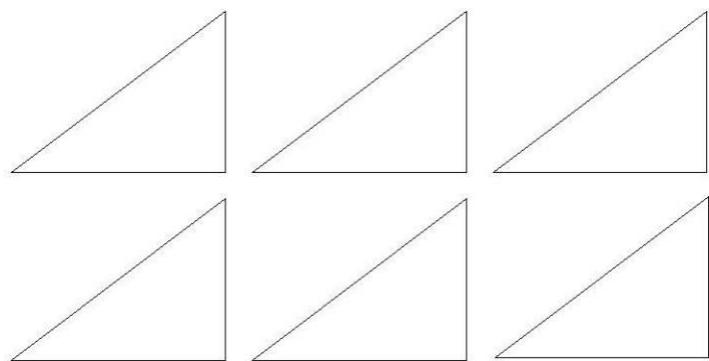
Select objects: 1 found

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:

