Course code: CSE 4104 **Credit: .75**
Course Name: Engineering Drawing Lab **Semester: Winter**

Lab 5
Name of Experiment: Array

1.1 Objective of this Lab

Objective of this lab is to learn how we can draw multiple objects at time and also how to make them a single unit.

Learning Outcomes

Upon completion of this lab you are expected to be able to-

- Create array of same type of object.

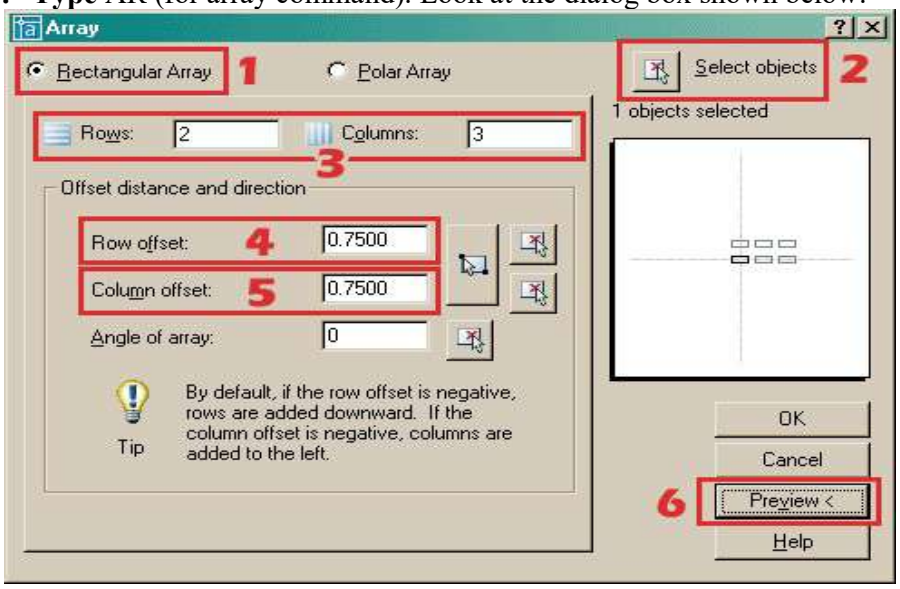
1.2 Topics

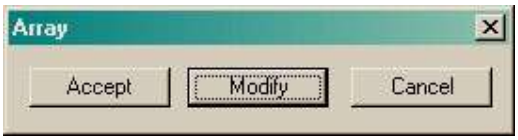
Today we will learn the following commands-

Commands	Shortcut
Array	Array/AR

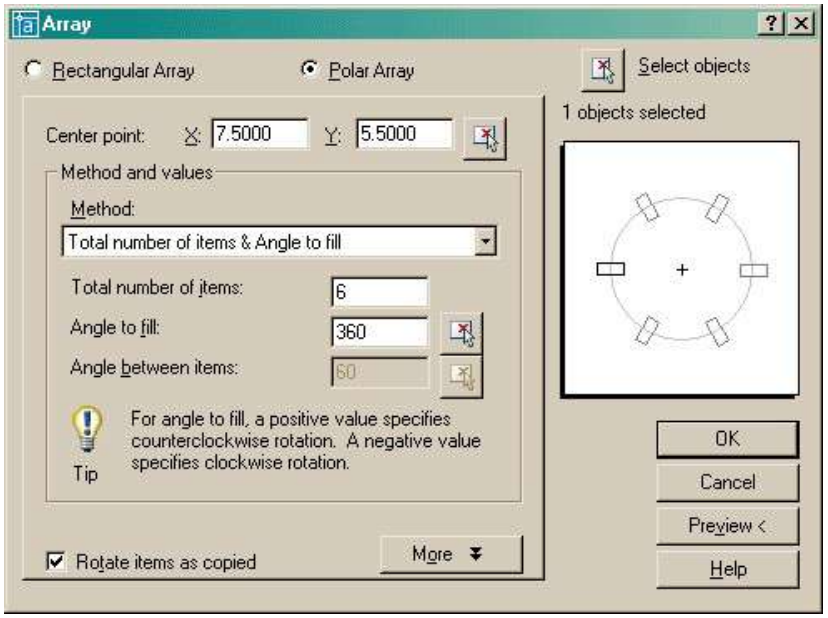
I. Array

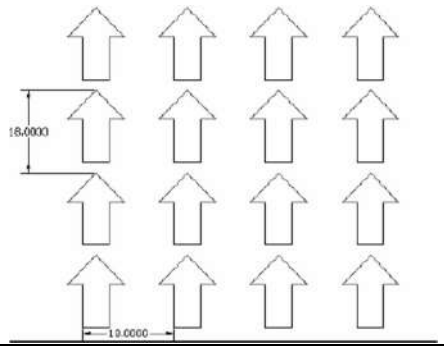
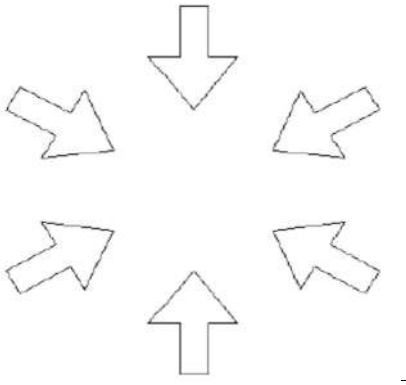
1. **Type** AR (for array command). Look at the dialog box shown below:





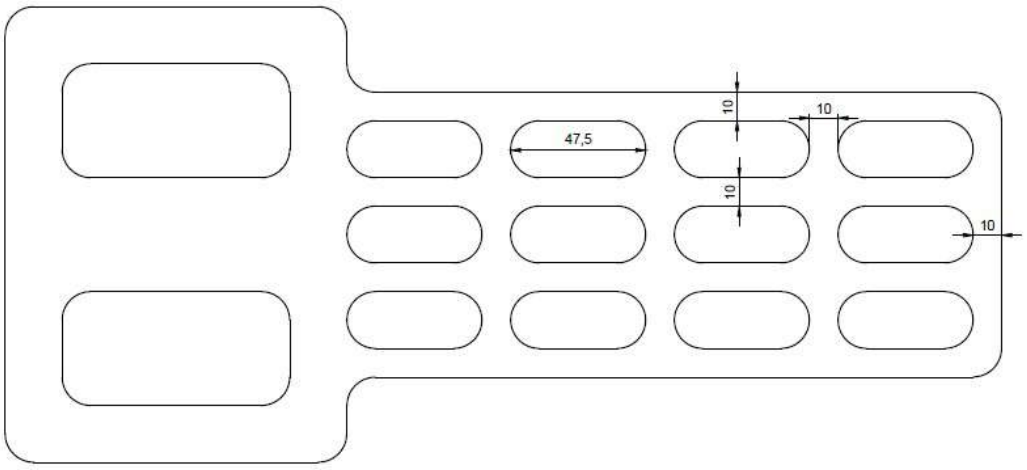
2. Start the **ARRAY** command again (this is for polar array)



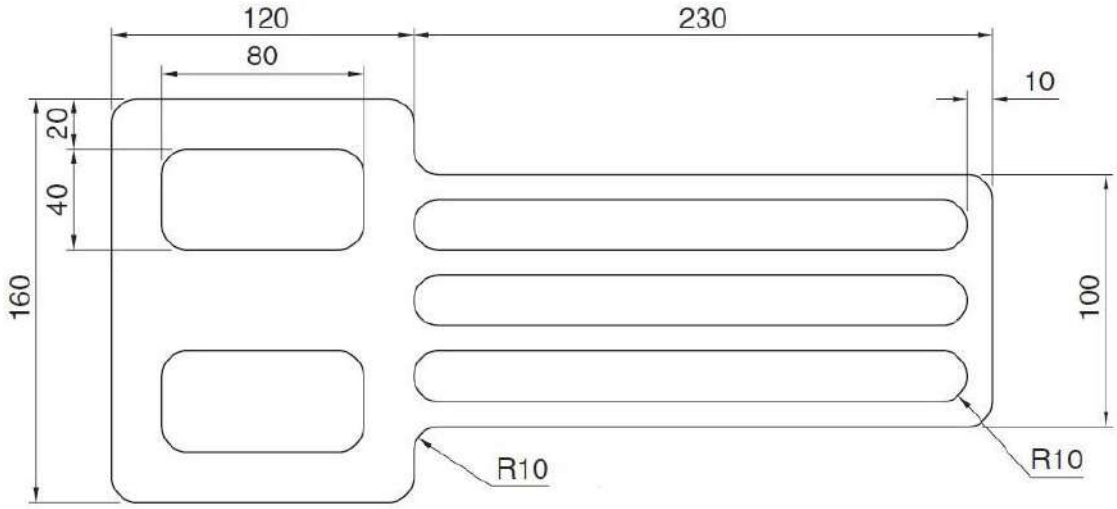
Example of Rectangular Array	
Example of Polar Array	

Task 1:

Use **ARRAY** command to draw the following:

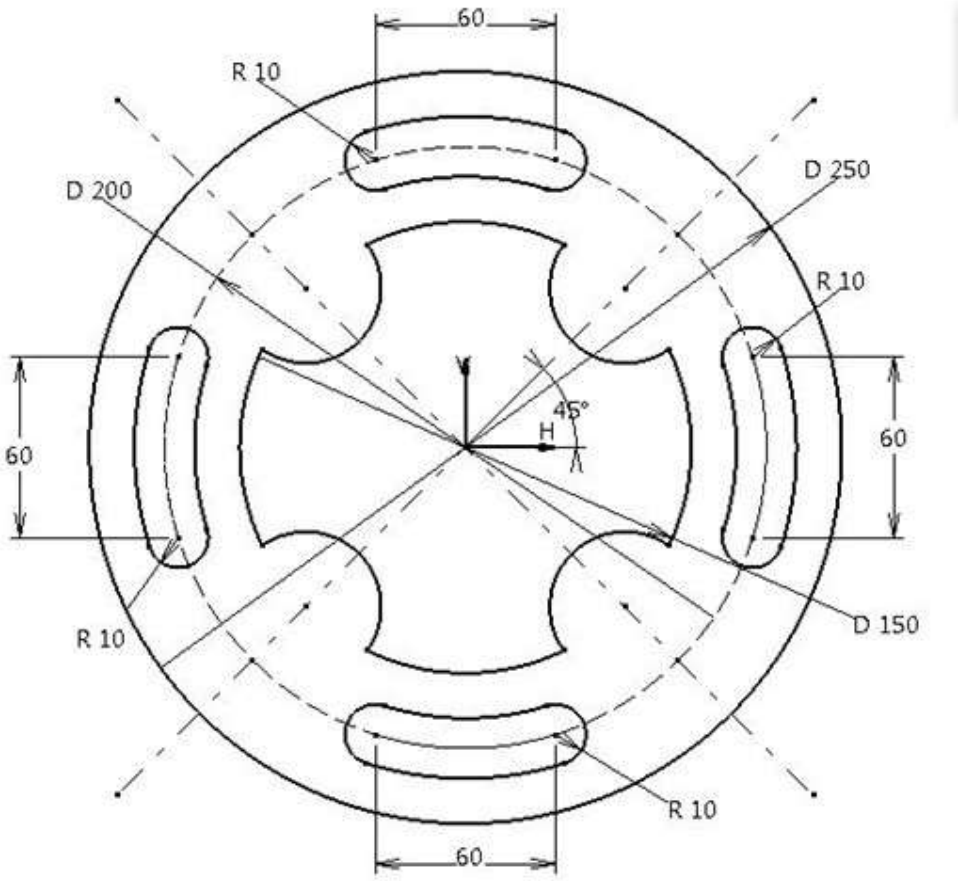


Use the figure from previous lab for different dimensions.

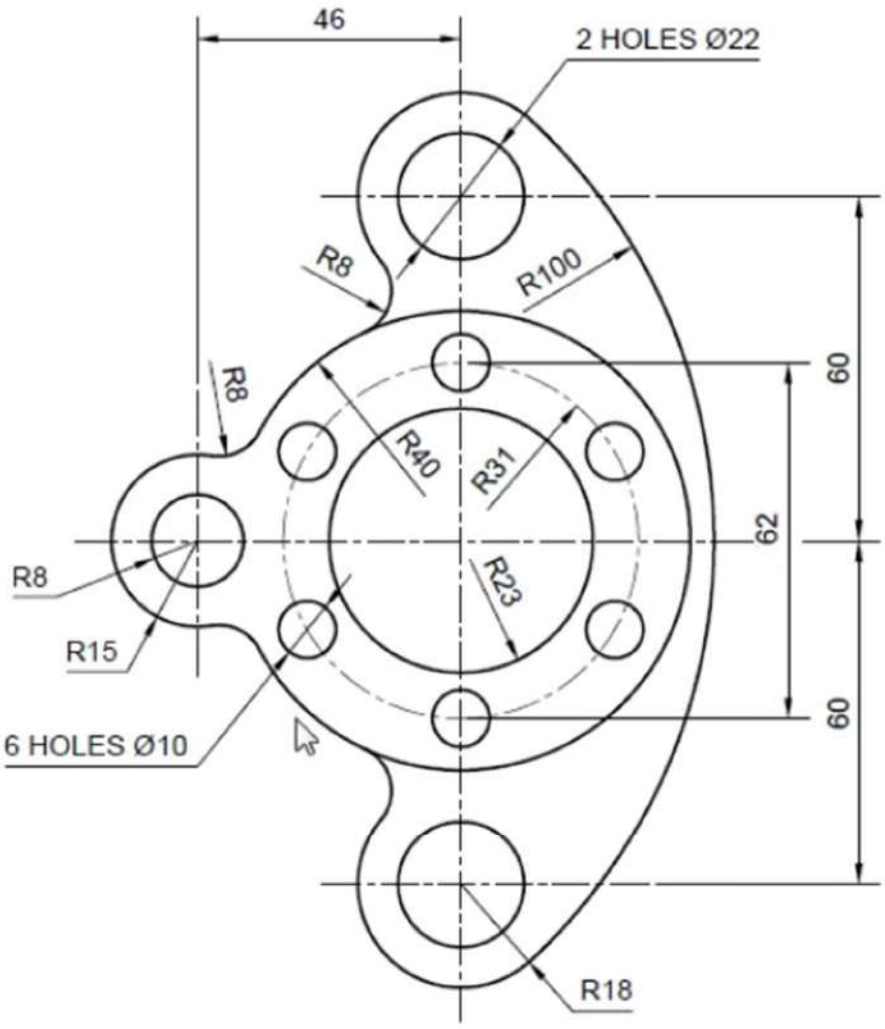


Task 2:

Use **ARRAY** command to draw the following:



Task 3:


46
2 HOLES Ø22
R8
R100
R8
R40
R31
R8
R23
R15
6 HOLES Ø10
R18
60
62
60

Assignment: