Mustaqbal University / College of Engineering & Technology
Department (Department of Medical Instrumentation Techniques
Engineering)
Class (First)
Subject (Engineering Drawing) / Code (UOMU024014)
Lecturer (M.sc.Alaa Khalid)
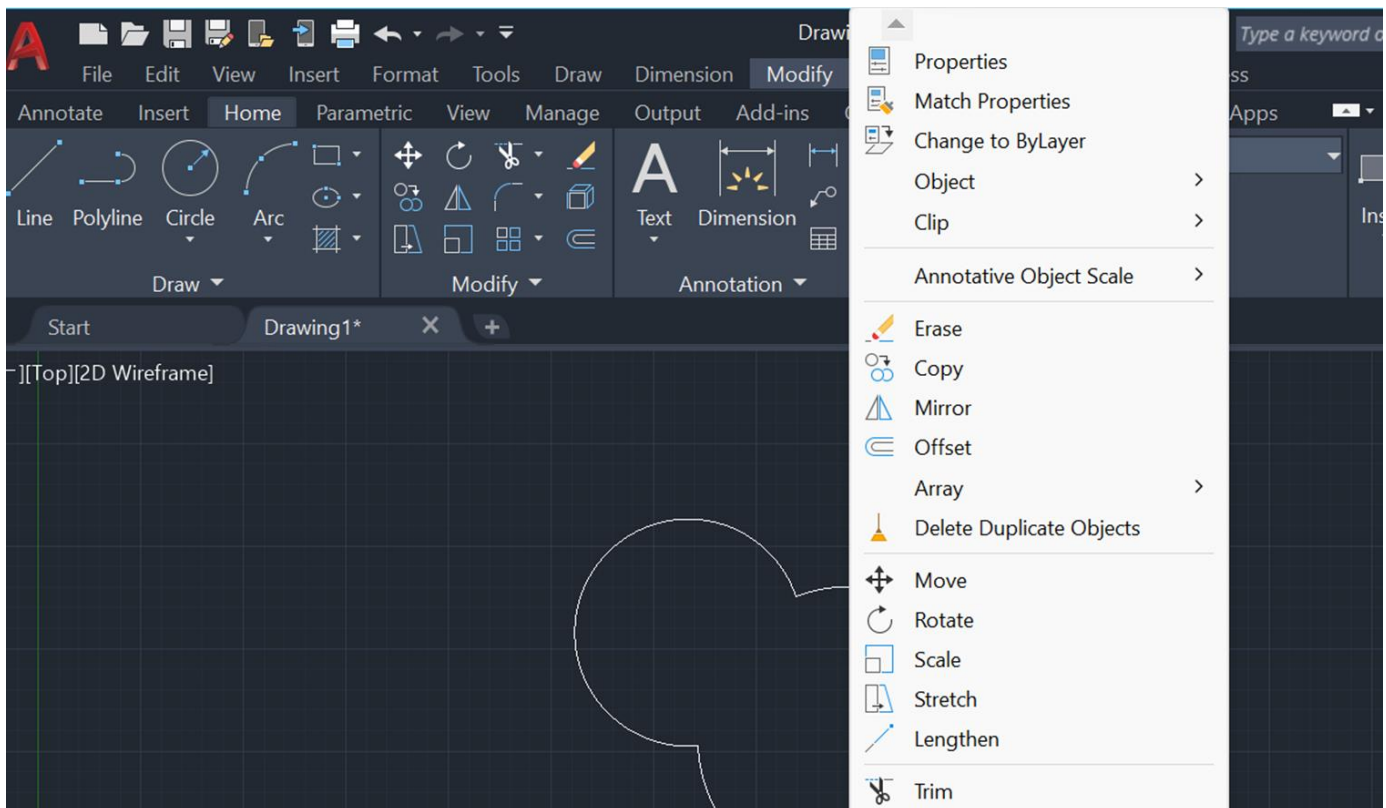**1ˢᵗ term – Lecture No.7 & Lecture Name (Modify commands)**

Modify
This is one of the most important panel in AutoCAD that contains important tools
Edit the drawing, allowing you to easily improve and modify the design.
The tools used in this panel help to perform a variety of operations such as copying,
Rotate, erase….etc.

- The Modify panel arrived from Home

- Or from Menu Bar

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-1   نقلMove

الوصف: تُستخدم لنقل الكائنات من موقع إلى آخر.

Moving objects from one location to another.

الاستخدام

1- select object حدد الكائن ———————← Enter

2- Base pointحدد نقطة بدايه

3- End point حدد نقطه نهايه

2- نسخ Copy

تستخدم لانشاء نسخ او نسخه متعدده للكائن

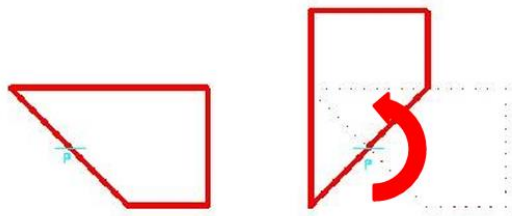## Used to create copies or multiple copies of an object

الاستخدام

1- select object حدد الكائن ———————← Enter

2- Specify Base point حدد نقطة بدايه

3-   specify Displacementحدد المسافه

4-   Second point   حدد موقع جديد

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Rotate -3 تدوير

تستخدم للتدوير الكائن حول نقطه معينه

Used to rotate the object around a specific point

الاستخدام

select object-1 حدد الكائن ⟵ Enter

Specify Base point-2حدد نقطة بدايه

3- Rotation angle حدد زاوية تدوير

4-تقليم Trim

The trim option is used to delete part of drawing between two point of intersection part of circle,arc,line,rectangle….
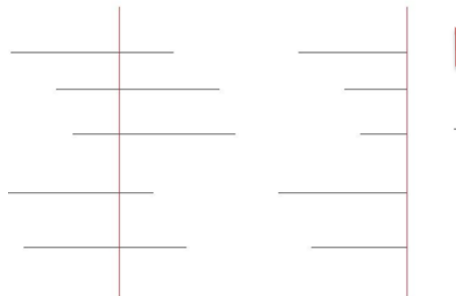
يتم استخدام خيار القطع لحذف جزء من الرسم بين نقطتي تقاطع جزء من الدائرة، القوس، الخط، المستطيل

The steps appeared when trim any part in figure

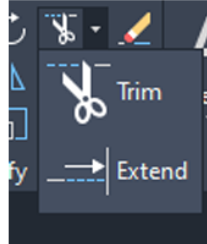نختار الامر trim & enter ثم نقوم بقطع الجزء المراد قطعه

: Trim & enter

select part of draw needed to Trim

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5- Extend   (تمديد)

It is similar to Trim in terms of dealing style and opposite in the function it performs.
It is done by extending the edge of the arrow in a specific direction,
 where it is requested first and then we press the button Enter) then asks the items that
we hope to extend.

من حيث أسلوب التعامل ومعاكس له في الوظيفة التي تؤديها ، (Trim وهو مشابه
حيث تتم بتمديد حافة السهم في اتجاه معين، حيث نختار الامر أولاً (ثم نضغط على الزر
enter .) ثم تسأل العناصر التي نأمل تمديدها

6- Erase حذف
Used to delete objects

تستخدم لحذف الكائنات

يستخدم
1-Select object
2-select erase