



**AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)**

**Department of CSE  
Computer-Aided Design and Drafting**

**Section: L  
Experiment No: # 05  
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Id: 22-49172-3**

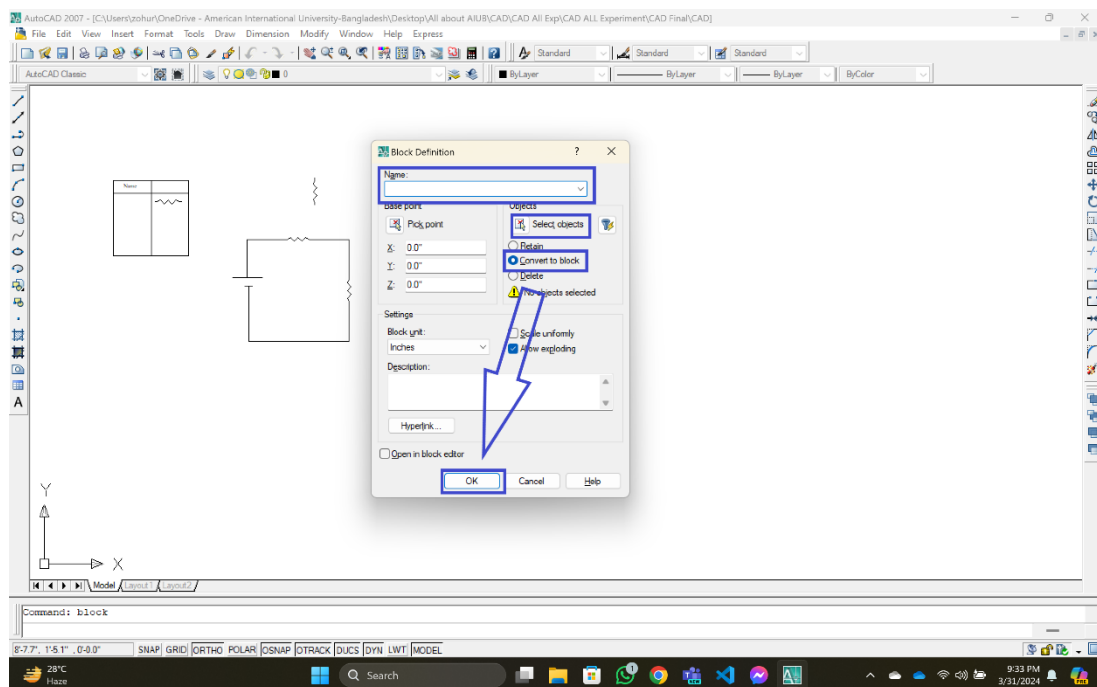
**Supervised by: MD. RAKIBUL ISLAM CHOWDHURY**

**Name of Experiment:** Introducing Electrical Symbols used for Electrical Circuit Design and drawing some Electrical Circuits using AutoCAD.

## **AutoCAD Comments:**

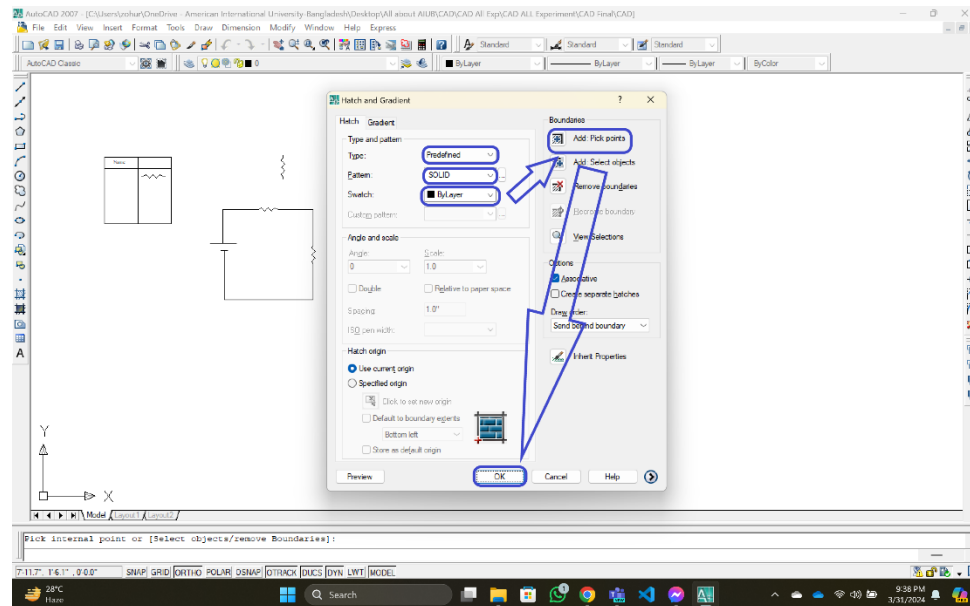
### **1. How To Create a Block in AutoCAD:**

**Block >> Enter >> input name >> Select objects >> Enter**



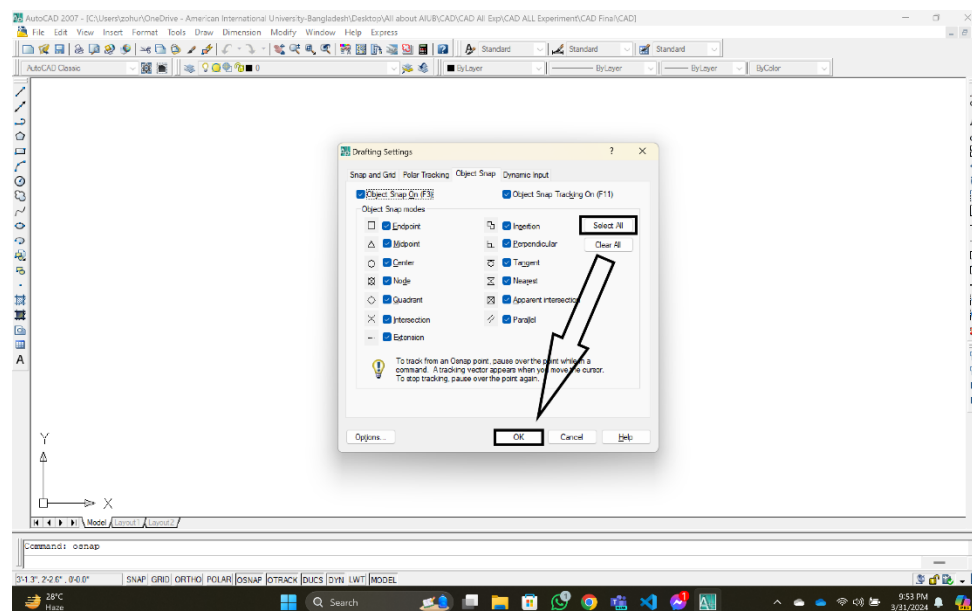
## 2. How To Hatch in AutoCAD:

**Hatch >> Enter >> Type: Predefined >> Pattern: SOLID >>  
Swatch: ByLayer >> Add: Pick points >> Select Boundary >> ok**



## 3. How To Osnap Settings in AutoCAD:

**Osnap >> Enter >> Select All >> ok.**



#### **4. How to Increase the Size of a Group Objects:**

Scale >> Enter >> Select Object >> Specify Base point >> Enter the  
Multiplier >> Enter.

#### **5. How to Rotate:**

Rotate >> Enter >> Select object >> Specify Base point >> input Angle >>  
Enter.

#### **6. How to Extend Line:**

Ex >> enter >> Enter.