



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

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

**Section: L**

**Experiment No: # 04**

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**Id: 22-49172-3**

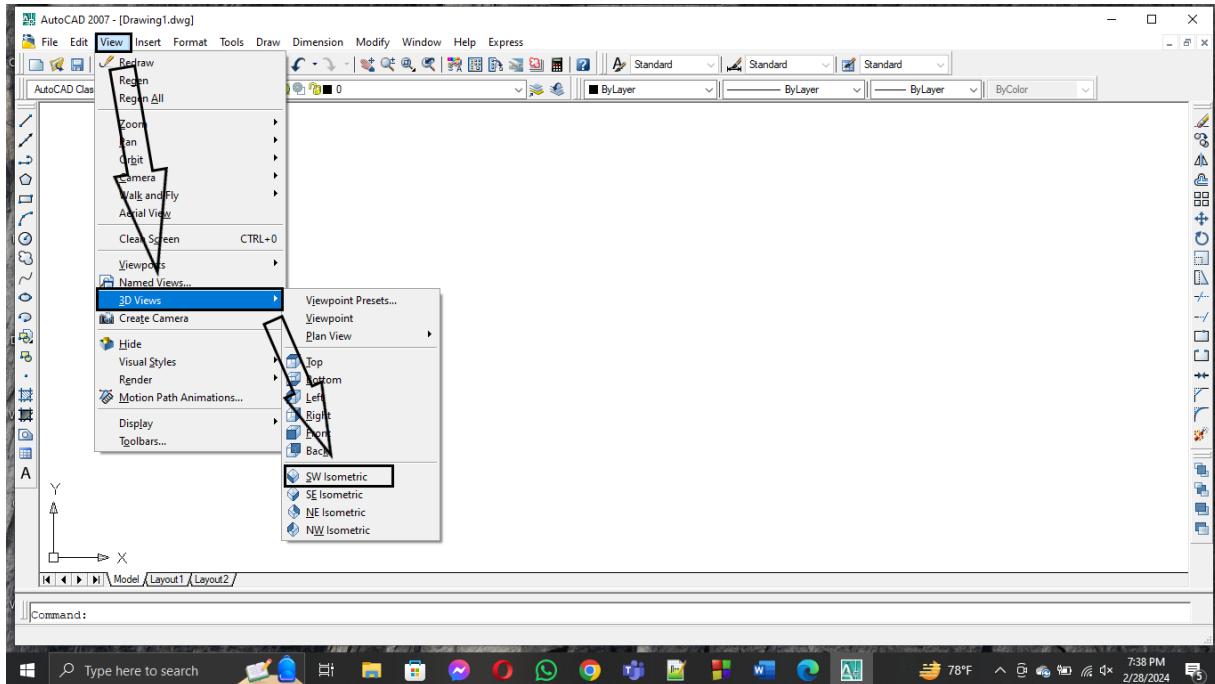
**Supervised by: MD. RAKIBUL ISLAM CHOWDHURY**

**Name of Experiment:** Familiarization with different isometric projections and drawing using AutoCAD software

**AutoCAD Comments:**

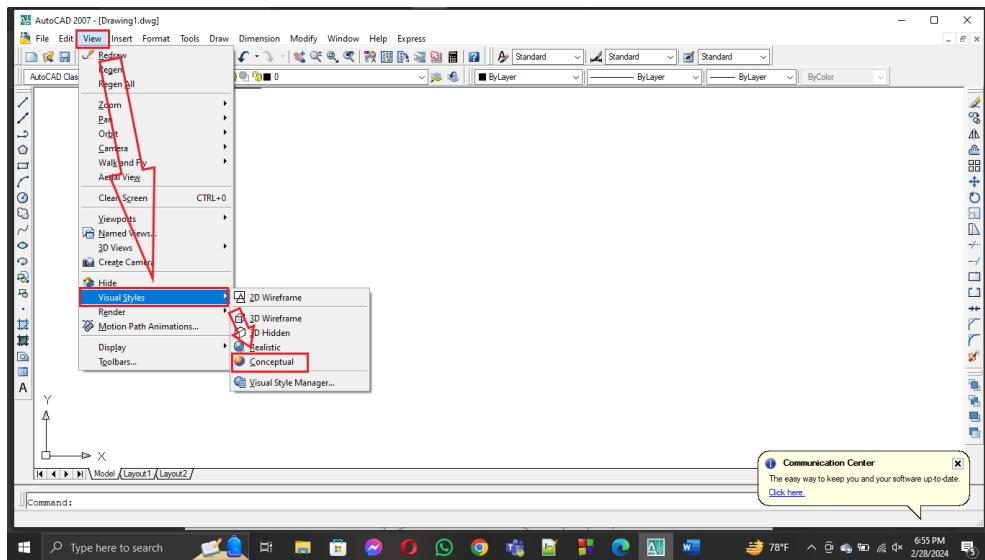
**1. How To go to 3D In AutoCAD :**

**View >> 3D Views >> SW Isometric ---**



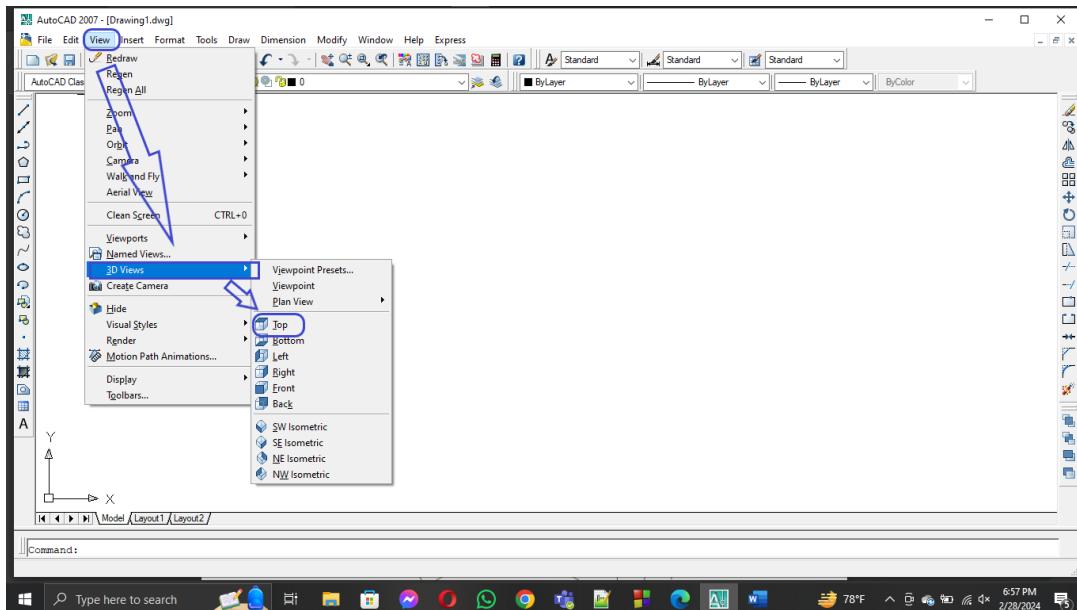
## 2. How To Go To a Realistic View In AutoCAD :

View >> Visual Styles >> Conceptual ---



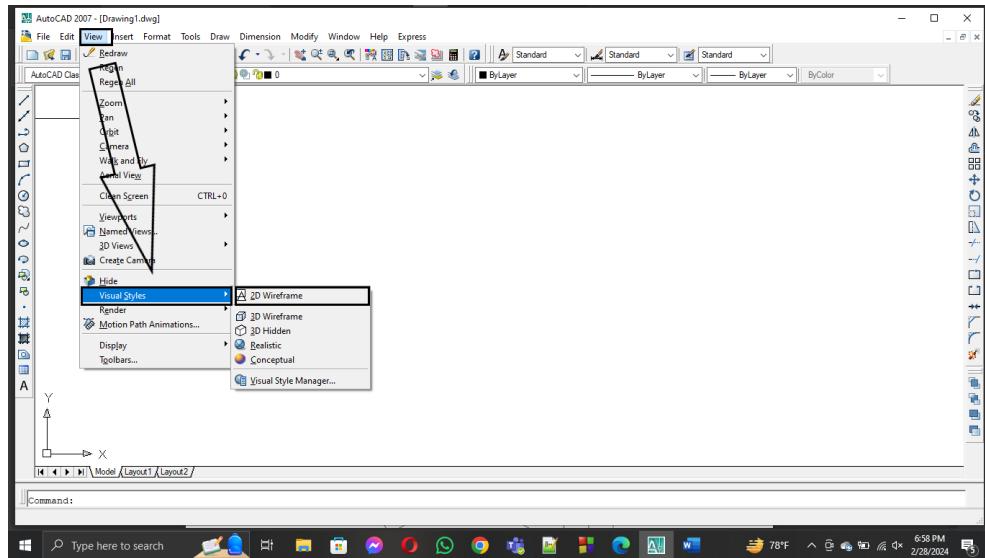
## 3. How To go to Top View In AutoCAD :

View >> 3D Views >> Top ---



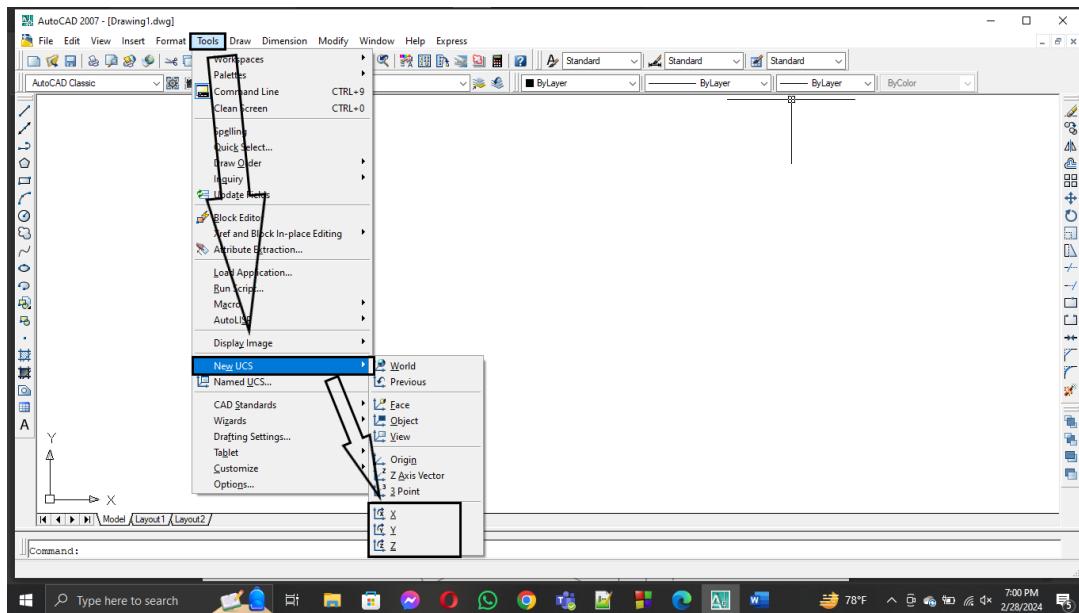
## 4. How To Go To 2D View In AutoCAD :

**View >> Visual Styles >> 2D Wireframe ---**



## 5. How Rotate UCS In AutoCAD :

**Tools >> New UCS >> Select the axis of rotation >> Enter the value of rotation >> Enter**

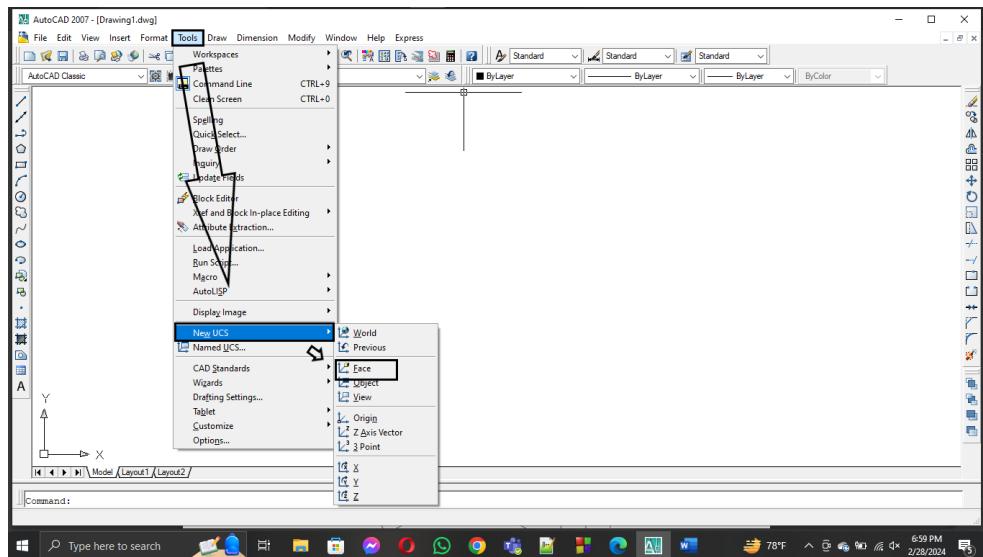


## **6. How To Take Vertical Distance In AutoCAD :**

**First Rotate the UCS in such direction that x and y axis lies in That direction in which want to measure the distance**

**Then ---**

**Tools >> New UCS >> Select Face >> Accept or Rotate the axis  
>> Enter**



## **7. How To Draw 3D In AutoCAD :**

**Presspull >> Click on the Region that want to pull >> input vertical Distance >> enter.**

## **8. How To Merge Two or More 3D Drawing In AutoCAD:**

**Union >> select objects >> enter**

## **9. How Off set In AutoCAD: O >> enter >> input Distance >> enter >> select object or objects >> click on the side where want to offset >> enter**