Video-32

Interfacing Servo Motor with Arduino UNO

This project shows how to control a **servo motor** using an **Arduino UNO**. The servo is connected to **digital pin 7** and is programmed to **sweep from 0° to 180° and back** using a '`for`' loop and the '`Servo`' library. Each position change is delayed slightly to create a smooth motion. This project is ideal for learning **servo control**, and is useful in **robotic arms**, **automated mechanisms**, or **motion-based systems**.