IOT Assignment-1

1.**What is the Internet of Things (IoT)?**

Explain the concept of IoT and how it works. Provide examples of IoT devices in everyday life.

**2.What are the Key Components of IoT?**

Describe the essential components that make up an IoT system, including sensors, connectivity, and data processing.

**3. Describe the IOT Architecture ?Explain the perception layer in IoT architecture.?**

Provide a detailed explanation of the typical IoT architecture, outlining its main components.

**4.build a smart home using wokwi?**

To build a smart home using Wokwi, you can simulate various IoT devices like sensors, lights, and relays and control them using a microcontroller like an ESP32 or Arduino.

**5.Challenges in IoT Implementation**

Identify and explain three major challenges faced when implementing IoT systems in real-world scenarios.

**Points: 10**

**Submitted: need to upload a file**

**Allow Attempts: 1.**