**Experiment- 2**

**Week 1: Introduction to Backend Development**

* **Objective:** Understand the basics of backend development.
* **Lab Activities:**
  + Overview of backend vs. frontend development.
  + Introduction to server-side programming languages (Node.js, Python, Java).
  + Setting up the development eods and RESTful API principles.
* **Lab Activities**:
  + Overview of HTTP methods (GET, POST, PUT, DELETE).
  + Introduction to REST architecture.
  + Building a simple RESTful API.
* **Sample Project**: Create an API for managing a list of items (e.g., a to-do list).