Assignment Title: Event Registration System

🧩 **Objective:**

Create a console-based application to manage event registrations using **LinkedHashSet** to maintain **unique** and **ordered** participant entries.

🛠️ **Requirements:**

1. Entities:

- Participant: with fields participantId, name, email, and eventName

2. Use LinkedHashSet to:

- Store participants while maintaining insertion order and ensuring no duplicates

- Prevent duplicate registrations (based on participantId)

Java

LinkedHashSet<Participant> participants = new LinkedHashSet<>();

Override equals() and hashCode() in Participant to ensure uniqueness by participantId.

📁 **Functional Requirements:**

1. **Register a Participant**

2. **Remove a Participant**

3. **Check if a Participant is Registered**

4. **List All Participants (in order of registration)**

5. **Count Total Participants**

6. **List Participants by Event Name**

🧪 **Sample Operations:**

Java

participants.add(new Participant("P001", "Amit", "amit@example.com", "TechTalk"));

participants.add(new Participant("P002", "Neha", "neha@example.com", "Workshop"));

💡 **Bonus Challenges:**

- Use TreeSet to sort participants by name or email

- Export participant list to a CSV file
- Add a search feature by email or name