**Hibernate and Jpa**

**Spring boot Auto-Configuration:**

Spring boot looks what are the classes available on the class path and it will automatically configure the things based on. If it sees in memory database H2 on the class path it automatically configures connection to it. If it sees web application on the class path it configures dispatcher servlet. If spring boot sees JPA on the class path it would automatically configures Entity manager and a Transaction manager.

**Entity Manager:** Entity manager manages the entities. All the operations that we are performing on a specific session are all stored in entity manager. All operations are not actually stored in entity manager but in actually persistence context. Entity manager is interface for persistence context. All operations should going through entity manager.

Whenever you are a inside of a transaction and entity manager is managing something like updating, deleting, inserting that particular thing continues to managed by entity manager until the end of the transaction.

**Schema updation:** Whenever we use @Entity annotation schema updation is triggered by the spring boot and table is created automatically.