Hibernate is a very goood ORM.

Hibernate acts as a layer between java and database.

Hibernate uses JDBC internally and provides us easier way to work with databases.

We can create a POJO class and mark with annotation @Entity to make this class as a table in the database.

@Id annotation on a variable will make it as a primary key column in the table.

Automatically creates table from a class, with all variable names as column name and class name as table name.

Hibernate.cfg.xml file under the src/main/resources folder will have the details regarding database url, username, password and all class/Entities which are linked with database tables.

Listed the below steps to use hibernate in our class.

//step 1 -> create and configure the config object

Configuration config = new Configuration();

config.configure();

// step 2 -> session factory

SessionFactory factory = config.buildSessionFactory();

//step 3 -> creating session from factory

Session session = factory.openSession();

//step 4 -> create transaction object

Transaction tr = session.beginTransaction();

//step 5 -> create objects to insert in the database

Investor i1 = new Investor();

i1.setName("Yasin");

i1.setAmount(45000);

//step 6 -> save object into session

session.save(i1);

//step 7 -> commit transaction

tr.commit();

Query<Investor> query = session.createQuery("select i from Investor i");

List<Investor> list = query.list();

Iterator<Investor> iter = list.iterator();

while(iter.hasNext())

{

System.out.println(iter.next());

}

//step 8 -> close session

session.close();