**Criteria**

* Using criteria we can only retrieve the objects from the database. We can't perform DML operations.
* And with criteria we can retrieve complete object only. We can't retrieve partial object.
* To retrieve partial object we have to combine criteria with projections.
* To execute Criteria first we need to create Criteria object.
* To get Criteria object, we need to call createCriteria() method on Session interface. We need to pass our pojo class to this method.
* On the query object call list() method , list() will return java.util.List.

**Adding conditions to Criteria :**

* Using Criteria if we want to add conditions to the query, then we need to create one Criterian object and add this object to Criteria.
* To add Criterion object to Criteria, we need to call add() method on criteria object.
* To create Criterion object, we need to call static methods of Restrictions class, each method of this class returns Criterion object.
* Ex:
* Criteria criteria=session.createCriteria(Employee.class);
* Criterion criterion=Restrictions.gt("salary", new Double(3000));
* //here salary is pojo class variable name
* criteria.add(criterion);

**Retrieving partial object with the help of Projections :**

* Using Criteria we can retrieve only complete object, but it is possible to retrieve partial object if we combine Criteria with projects.
* Projection is an interface and Projections is a class.
* To get Projection object we need to call property() method on Projections class. It is static method and will return Projection object.
* To add Projection object to Criteria , we need to call setProjection() method on Criteria object.
* To retrieve partial object with single column, we need to create Projection object for that particular column value type.