Accolite University Feb Batch 1
Hibernate 2 Assignment

Fixing Many To Many Mapping Example

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Solution to the Existing Error:

In the Manager1 Class we need to create a Set of Categories and add the c1 and c2 categories into it after which we have to set this CategoriesSet to each of the Items as done for Item Set. Then we can save those i1 and i2 into the session. i.e.:

```
Set c = new HashSet();
c.add(c1);
c.add(c2);

i1.setCategories(c);
i2.setCategories(c);

ses.save(i1);
ses.save(i2);
```
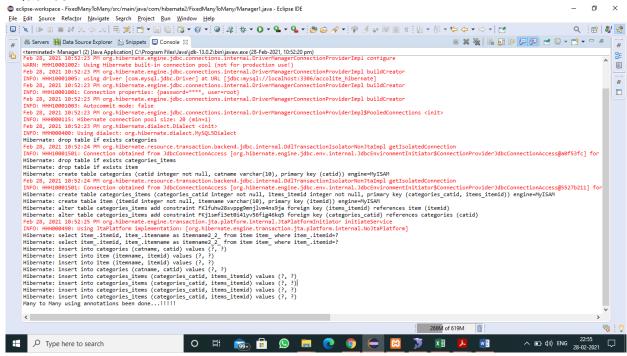
Original Code Snippet

```java
public class Manager1 {
    public static void main(String args[]) {
        Session ses = Util.getSession();

        Categories c1 = new Categories();
        c1.setCategoryId(1);
        c1.setCategoryName("cat 1");

        Categories c2 = new Categories();
        c2.setCategoryId(2);
        c2.setCategoryName("cat 2");

        Item i1 = new Item();
        Item i2 = new Item();

        i1.setItemId(101);
        i1.setItemName("item1");

        i2.setItemId(102);
        i2.setItemName("item2");

        Set s = new HashSet();
        s.add(i1);
        s.add(i2);

        c1.setItems(s);
        c2.setItems(s);

        Transaction tx = ses.beginTransaction();
        ses.save(c1);
        ses.save(c2);
        tx.commit();
        System.out.println("Man to Many using annotations been done...!!!!!");
        ses.close();
    }
}
```
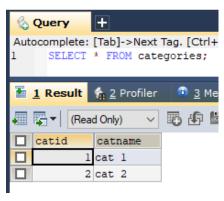
Modified Code Snippet

```java
        Categories c2 = new Categories();
        c2.setCategoryId(2);
        c2.setCategoryName("cat 2");

        Item i1 = new Item();
        Item i2 = new Item();

        i1.setItemId(101);
        i1.setItemName("item1");

        i2.setItemId(102);
        i2.setItemName("item2");

        Set i = new HashSet();
        i.add(i1);
        i.add(i2);

        c1.setItems(i);
        c2.setItems(i);

        Set c = new HashSet();
        c.add(c1);
        c.add(c2);

        i1.setCategories(c);
        i2.setCategories(c);

        Transaction tx = ses.beginTransaction();
        ses.save(c1);
        ses.save(c2);
        ses.save(i1);
        ses.save(i2);
        tx.commit();
        System.out.println("Many to Many using annotations been done...!!!!!");
        ses.close();
    }
}
```
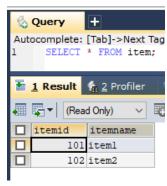
SCREENSHOTS

1. All Queries

2. Categories Table

3. Item Table

4. Categories_Items Table