Q) Describe how an application worked on managed transactions.

A) I have worked on hibernate managed transaction.

The transaction management is quite standard, any exceptions thrown by Hibernate are **FATAL**, we have to roll back the transaction and close the current session immediately. This is what we have followed in our application.

Here is the template

Session session = null;

Transaction tx = null;

try{

session = HibernateUtil.getSessionFactory().openSession();

tx = session.beginTransaction();

tx.setTimeout(1000ms);

//doSomething(session);

tx.commit();

}catch(RuntimeException exp){

try{

tx.rollback();

}catch(RuntimeException ex){

log.error("Couldn’t roll back transaction", ex);

}

throw exp;

}finally{

if(session!=null){

session.close();

}

}