Experiment 3

Aim:

Creating an application in SalesForce.com using Apex programming language.

Theory:

Step 1:

Log into your sandbox or developers organization → Click on Setup → Create → Objects → New Custom Objects → Enter Book for Label → Enter Books for plural Label → Click Save

Step 2:

Now we create a custom field. In the custom field & relationship section of the Book object click New. Select Number for the datatype and Next. Enter Price for the field Label. Enter 16 in the length text box. Enter 2 in the decimal places & Next… Next… Save.

Step 3:

Click Setup → Develop → Apex Classes & click New

In the Class Editor enter this class:

public class MyHelloWorld {

public static void applyDiscount(Book c[] books)

{

for(Book c b:books)

{

b.Price c\*=0.9;

}

}

}

Step 4:

We have to add a Trigger. A Trigger is a piece of code that can execute objects before or after specific data manipulation language events occurred.

Click of Setup → Create → Objects → Click the object you have created ex: Book → Scroll down you can see Trigger → Click on New

In the Trigger Editor enter this class:

trigger HelloWorldTrigger on Book c(before insert)

{

Book c[] books=Trigger.new;

MyHelloWorld.applyDiscount(books);

}

Step 5:

Click on Setup → Create → Tabs → New Custom Tab → Choose Book → Next… Next… Save

Click on Tab books → New → New Custom Tab → Insert price for that book → Click on Save

Conclusion:

Thus we have studied how to create and run an application in SalesForce developers site by using Apex programming language.