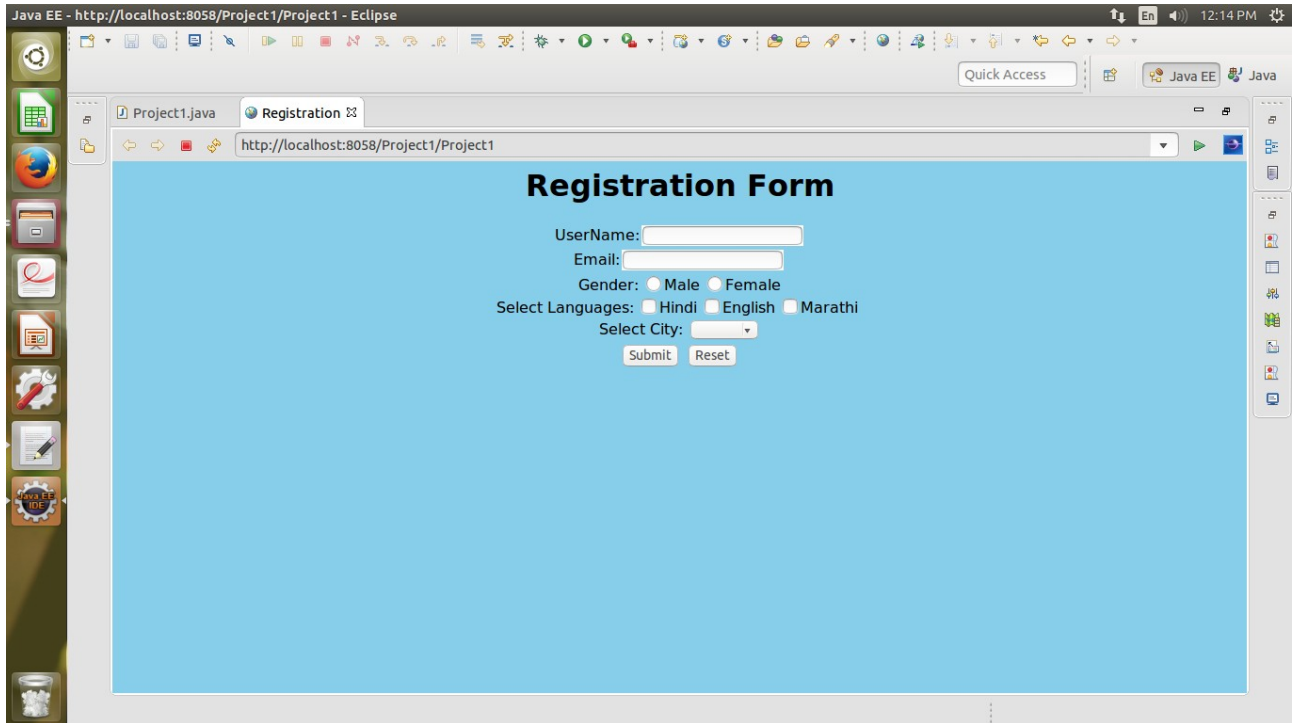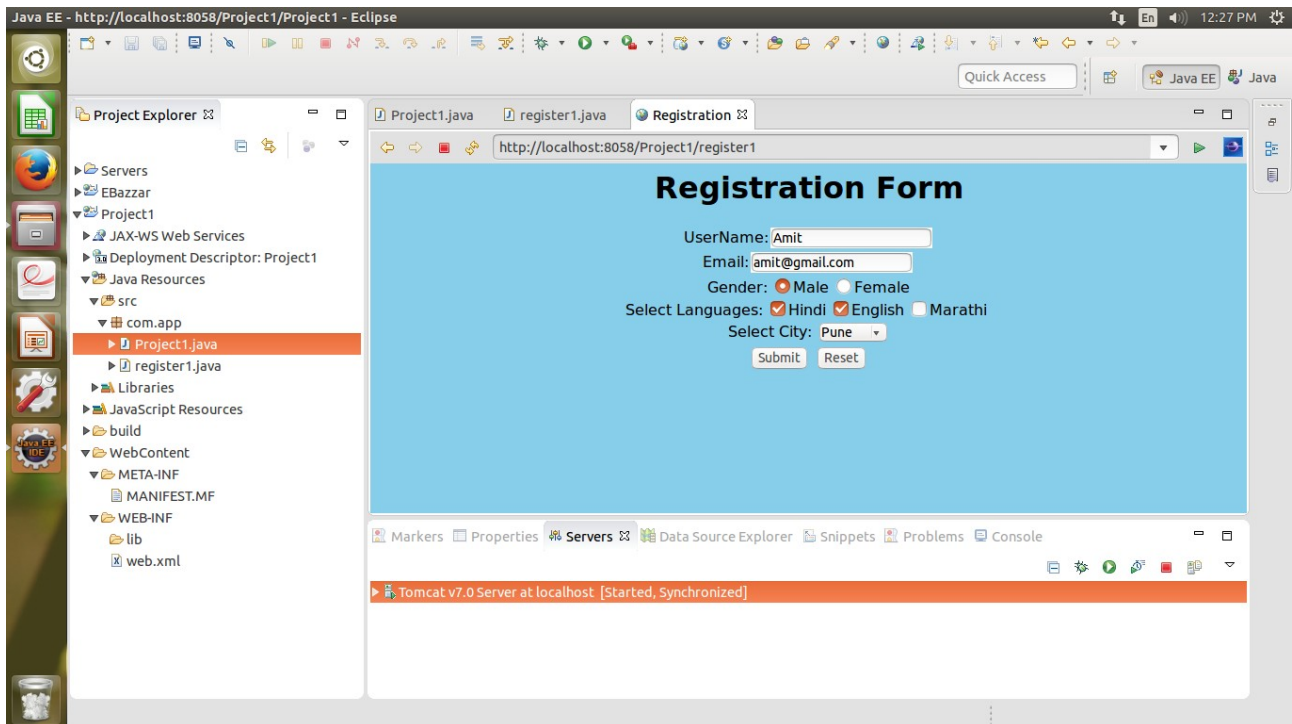# Servlet Assignment

Q.1 Create Registeration Form using Servlet.

and Display in Next Servlet.

Q.2 Write a servlet that will take a string and show the reverse in the form.

Feed in some text:
Press "submit" and get the form back with the text reversed:

Clicking "submit" again should give you the original text:
Using Servlet basic API.

Q.3 Store email in DD(web.xml) as init-param name value pair.
Write a Servlet to extract the initialization parameters inside the init
method of your Servlet and display it within your service method.

Q.4 Create web application to pay online telephone bill using
(Servlet,ServletConfig,ServletContext & RequestDispatcher with
Database.)
Hint:
    Database BSNL
    Table PayBill having Cust_No,Cust_Name & Current_Bill

    Servlet
        Login.html
    User enter contact number and login

DisplayServlet.java
    Display CustomerName & CurrentBill which fetch from DB using
ServletConfig & ServletContext.
Click on "Pay" button.

Pay.java
    Display Bill payment successful with DB update.
    Else
    Back to Login if contact number is incorrect.

Q.5 Display Customer BankDetails like Name,CustomerId Account_no using ServletFilter chaining concept.
CustomFilter—filter customerID
AuthenticateFilter – filter Account_no.

Q6.Develop BookCart Application using Servlet concept in incremental approach.

Scenario:

Cyber Publishing Company is a popular publishing company in India. All the transactions of books happen manually till now. They want to sell books online due to increase No. of customers.

They need to develop an web based application to purchase books online.

Login Id <Login Id >	Category <Category >			
Book Id	Book Name	Author Name	Price	Purchase
---	----	----	----	☐
----	---	----	----	☐
	Submit [Hyperlink]	Logout [Hyperlink] [Hyperlink]	Show Cart	

- Login ID must be taken from login page.
- Book Category must be either Computer or Engg Books.
- If Computer Books selected then display all the Books with all the details.
- If Engg. Books selected then display all the Books with all the

details.
- Click on Logout Hyperlink will display the page with Thanks message and a hyperlink which will move the pointer to the login page again.
- The customer needs to select the checkbox corresponding to **Purchase** if he is interested in that Book.
- Once the customer has selected all the Books for Purchase he needs to click the **Submit** Button.
- On click of the Hyperlink **Show Cart** the **ShowCartPage** will be called.

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The screen of **ShowCartPage** is as follows:

Login Id		<Login Id >	
Book Id	Book Name	Price	Amount
-----	------	----	100
------	------	----	200
		Total Amount	300