

# Java EE Lab Activity 2

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We will work on this Activity in the second Lab period. Demonstrate your final results to your Lab Professor for 10 marks (1% of course grade)

See Brightspace for due date.

Write another JSF Application, with a few differences from Lab 1

## Writing a JSF Application

You can quickly write an application like the Address Book application, from scratch, using Netbeans:

1. Use Netbeans to create a new **Maven** Web Application (File->New Project->Maven Project)  
Notice that this step differs from Step 1 in Lab 1.
2. Create a **Contact** entity class (right click on Project, New->Entity Classes from Database, and select the Contact table). There should now be a **Contact.java** class in your project, in the package you specified for it.
3. Change the Contact.java class so that the id field of each new added row is generated automatically.
4. Migrate your application to use an external MySQL or MariaDB database (you'll need to modify the file, **persistence.xml**).
5. Add a Rest Interface to the contact table (New REST interface from Entity Class)
6. Test your REST interface using the REST-testing client (Test RESTful Web Services from the Netbeans context menu)
7. Test your REST URLs using a web browser directly without the REST-testing client
8. Have a classmate browse to one of your REST URLs