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1. Development environment

1.1 Server

This is a VPS host that I personally own. I deployed the server-side development environment needed for the course on this host. I configured a domain name <u>arisefun.com</u> to point to this VPS. The environment on the host includes:

```
Debian GNU/Linux 9.0
openjdk version 11.0.6
Payara Server 5.2021.3
MySQL Community Server version: 8.0.25
```

1.2 Client

My MacBook Pro, The environment includes:

```
Mac OS X 10.15.7

openjdk version 8

openjdk version 11.0.6

Java SE 14.0.2 (Each version of JDK can be switched at any time by command)

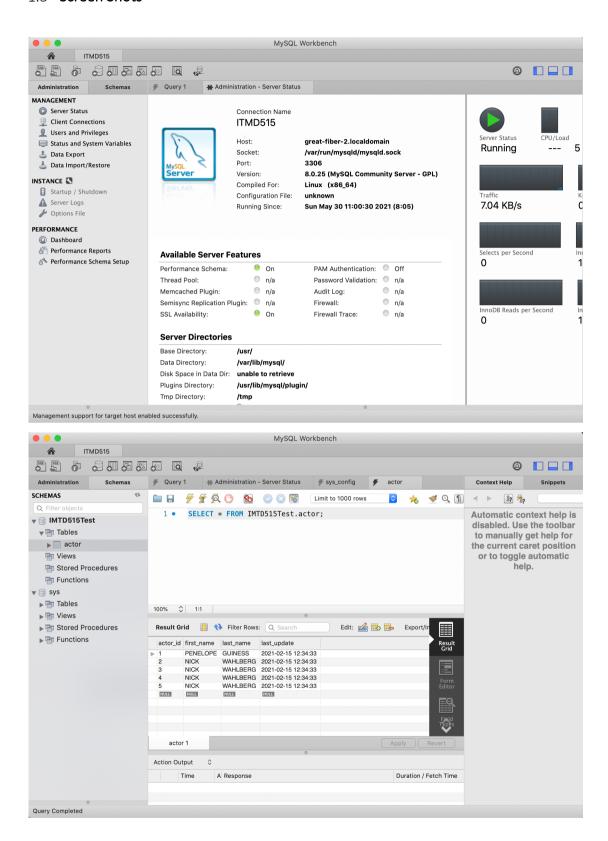
Eclipse IDE for Java Developers, Version: 2020-06 (4.16.0)

MySQL Workbench, Version 8.0.22

Apache NetBeans IDE, Version 12.0

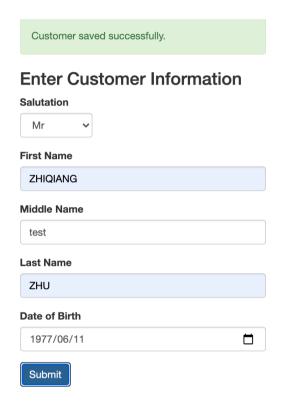
GlassFish5, Version 5.0.1
```

1.3 Screen Shots

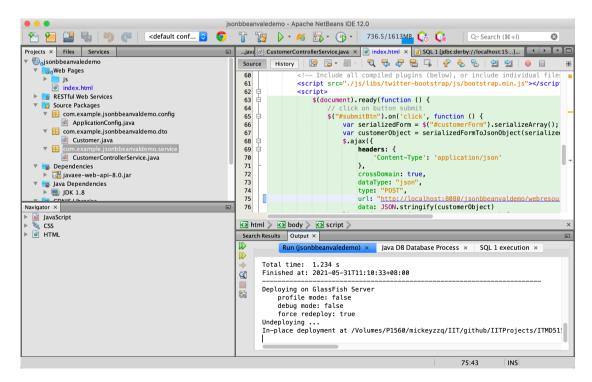


2. NetBean Project

2.1 Output when jsonbbeanvaldemo is submitted successfully



2.2 Screenshot of NetBeans environment



ITMD515: 2021 Summer