Configuration Tools:

**Database configuration**

[Download and Install](https://dev.mysql.com/downloads/mysql/) mySQL community 8.0.28

If you are using MAC, then you also need to

[download and Install](https://dev.mysql.com/downloads/workbench/) mySQL workbench 8.0.28, to check if the CRUD operations on the webpage does the same job effectively in the database.

1. Import the invenTracker.sql into mySQL

You can click on the second icon under the “house” icon

Graphical user interface, application

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Graphical user interface, application

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After doing the modification via the front end, you can come back to mySQL,

Input the query “SELECT \* from inventracker.product” to see if the database is up-to-date

**Project Configuration**

1. Install IntelliJ Idea [from the link](https://www.jetbrains.com/idea/promo/?source=google&medium=cpc&campaign=9736964566&gclid=EAIaIQobChMI9rCusau_9QIVtMmUCR19EQE6EAAYASAAEgIe_vD_BwE): <https://www.jetbrains.com/idea/promo/?source=google&medium=cpc&campaign=9736964566&gclid=EAIaIQobChMI9rCusau_9QIVtMmUCR19EQE6EAAYASAAEgIe_vD_BwE>
2. You can import the code into your IntelliJ Idea, clicking “Open”, open the directory where you store the project.

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A screenshot of a computer

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On the right most side, you will see a tag “Maven”, click it, the maven panel will expand, then click the “refresh” button to import all the dependency packages needed for this project to run.

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Configure your running environment

In the project view panel, select the “application.properties”

src -> main -> java -> resources -> templates -> application.properties

spring.datasource.url=jdbc :mysql://localhost:3306/invenTracker

3306 is the default port for mySQL to run, if you use other port, please change the number 3306 if you have a custom port

Api.base.path=http://localhost:8080

8080 is the port where your tomcat runs by default, change the number if you have a custom port

Same with server.port=8080

Spring.datasource.username=root

Spring.datasource.password=input your password here

Change the “root” to your mySQL user name for the mySQL port you are running

Change “input your password here” to your mySQL login password

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Run the project: hit the green play icon to run the project

Text

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In the console, if you see the similar texts, then you are running it with success

Text

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In your browser, input:

http://localhost:8080/

Graphical user interface

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