

Installation Guideline EcoBikeRental

1. **Required Hardware:** *laptop or PC*

2. **Required software/lib**

➤ **Install java (recommend java 11)**

- *Java 11.0.1 64bit Download*

Go to **Oracle Java SE Downloads** to download the Java SE Development Kit 11.0.1.

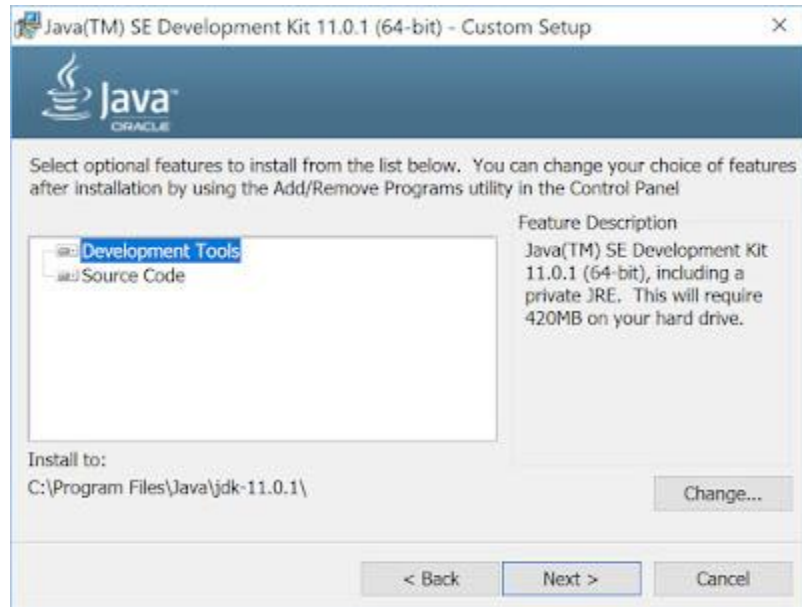
Check the option to "**Accept License Agreement**", and click the download link "**jdk-11.0.1_windows-x64_bin.exe**"

- *Installing Java JSK on windows 10*

Double-click the JDK installer "jdk-11.0.1_windows-x64_bin.exe" file. The installer's Welcome screen will appear.



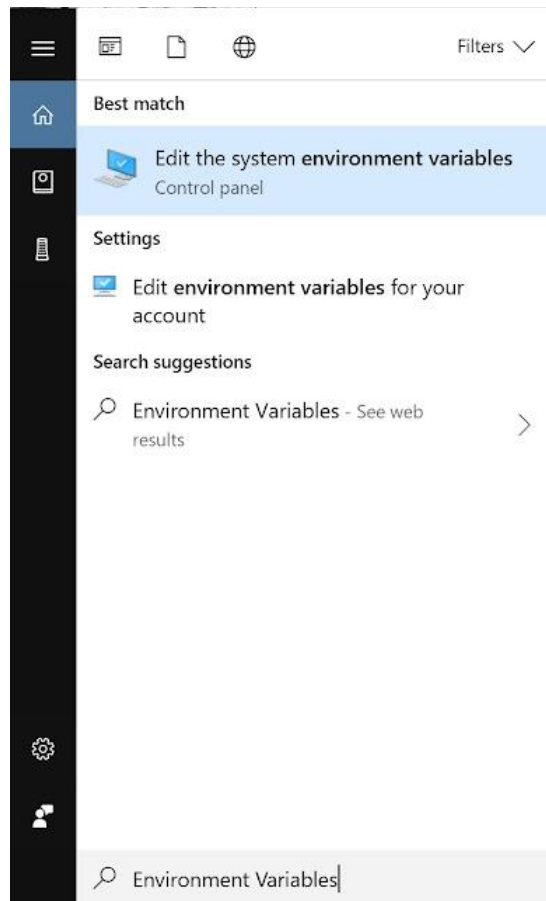
Click "Next" to continue.



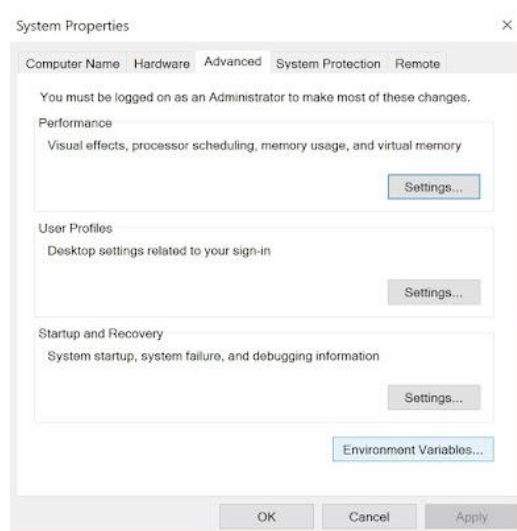
Click "Close" when the installation is complete.



- Set Java JDK 11 Path in windows 10
Set JAVA_HOME Windows 10. Type "Environment Variables" in the search box (beside the Windows start button), clicks "Edit the system environment variables".

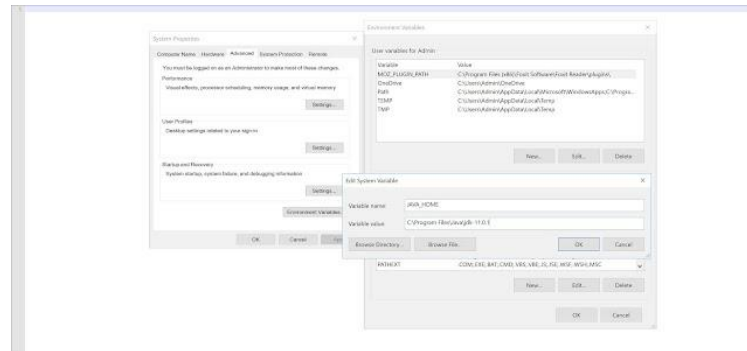


Clicks Environment Variables under Advance tab

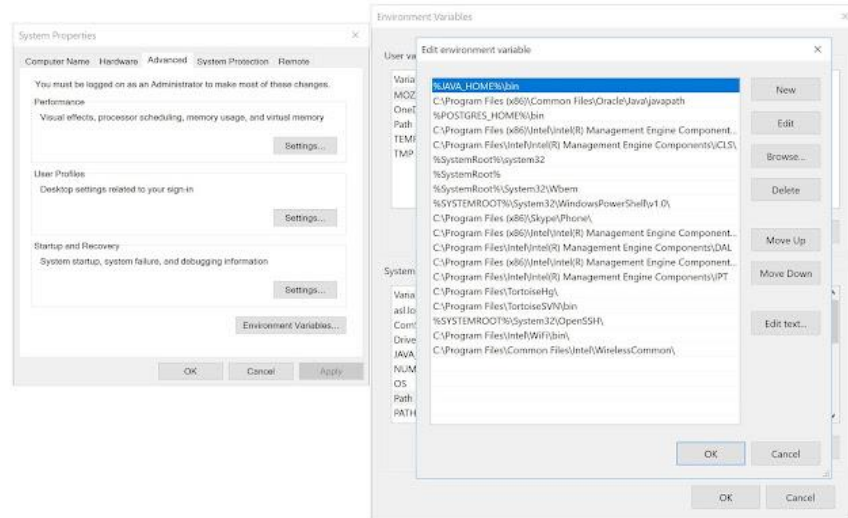


In System variables, add a new JAVA_HOME variable and point it to the JDK

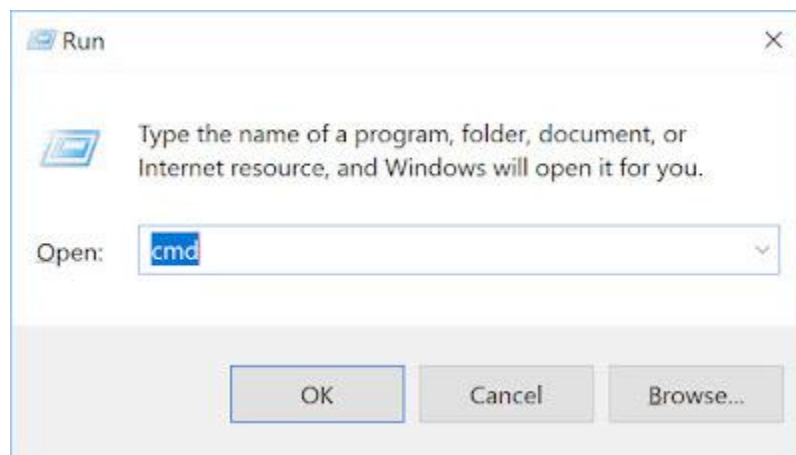
installed folder.



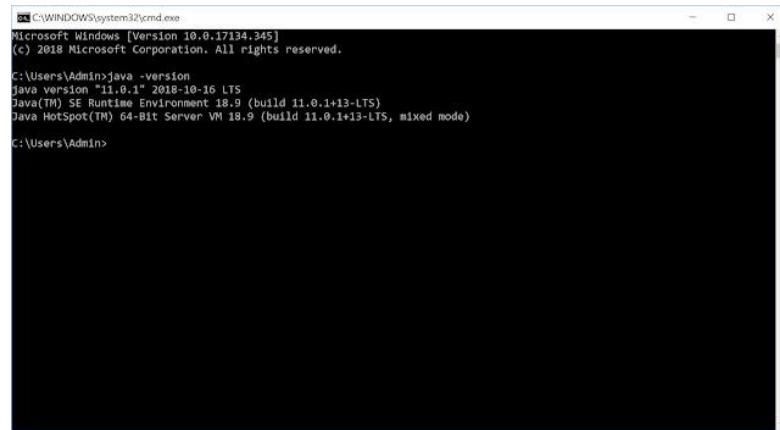
In System variables, find PATH, clicks Edit... and append this **%JAVA_HOME%\bin** to the start. Then Click OK.



Open a command prompt



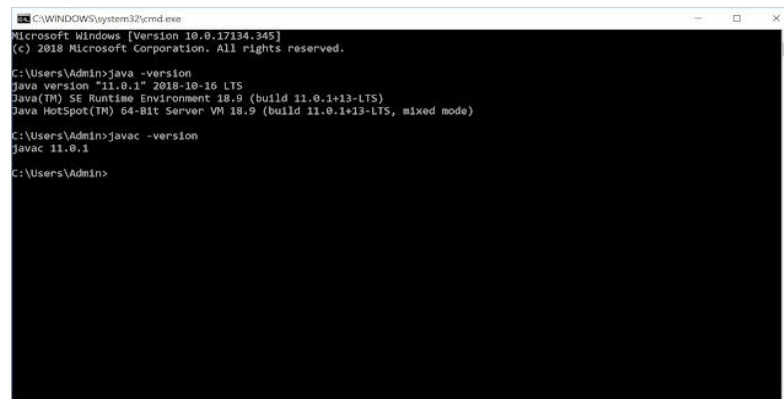
Type "**java -version**" and "**javac -version**"



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.17134.345]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Admin>java -version
java version "11.0.1" 2018-10-16 LTS
Java(TM) SE Runtime Environment 18.9 (build 11.0.1+13-LTS)
Java HotSpot(TM) 64-Bit Server VM 18.9 (build 11.0.1+13-LTS, mixed mode)

C:\Users\Admin>
```



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C:\WINDOWS\system32\cmd.exe
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(c) 2018 Microsoft Corporation. All rights reserved.

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Java(TM) SE Runtime Environment 18.9 (build 11.0.1+13-LTS)
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C:\Users\Admin>javac -version
javac 11.0.1

C:\Users\Admin>
```

- Install IDE (recommend IntelliJ)

See installation instructions [here](#)

- Download project
Download project from [here](#) or run comand in command prompt if you installed git
git clone <https://github.com/vvlong1801/ISD.VN.20211-Group2>

- Install database

In my project, we use mysql, you can see install constructions at [here](#).

You can use many data management tools but we recommend you to use datagrip, you can see install constructions at [here](#).

After installed all, you open datagrip and import file ecobikereental_dump.sql to auto create database.

- Run project

Open project with IntelliJ, because this project uses maven to build, so after launching the IDE, please wait for a while for maven to automatically install your project support

libraries. After that, please fix two static variable DB_USERNAME = <your username> (default = "root") & DB_PASSWORD = <your password>. Finish, you right click class App in Capstone_Project\src\main\java\ecobikerental\capstone_project\App end Run.