**FPT ACADEMY INTERNATIONAL**

**FPT – APTECH COMPUTER EDUCATION**

**Centre Name: ACE-HCMC-2-FPT.**

**Address: 590 Cach Mang Thang 8, District 3, Ho Chi Minh City, Viet Nam.**

Cinestar

Project Report Semester 4

| | | |
|---|---|---|
| **Supervisor** | Ngo Phuoc Nguyen | |
| **Batch** | T1.1910.M1 | |
| **Group** | 3 | |
| **Serial No.** | **Student Name** | **Enrollment Number** |
| 1. | Trần Kim Đạt | Student1215622 |
| 2. | Nguyễn Doãn Đại | Student1226493 |
| 3. | Nguyễn Thanh Huy | Student1218317 |

**Aug – 2021**

**This is to certify that**

**Mr./Ms.:**

TRAN KIM DAT

NGUYEN DOAN DAI

NGUYEN THANH HUY

**Has successful design & developed:** Project: CINESTAR

**Submitted by:** TRAN KIM DAT

**Date of issue:** Aug– 2021

**Authorized Signature:**

**_____**

# SYSTEM REQUIREMENT SPECIFICATION

## Hardware

### Web Server

| | |
|---|---|
| Processor | Intel Core i5 or higher. |
| Memory | 4 GB RAM or greater. |
| Modem/ADSL | Connecting to internet 24/24 |

### Client

| | |
|---|---|
| Processor | Intel Core i3 or higher. |
| Memory | 2 GB RAM or greater. |
| Monitor | Super VGA (1024x768) or higher resolution |
| Modem/ADSL | Connecting to internet |

## Software:

### Web Server

| | |
|---|---|
| Operation System | Windows 7 or higher |
| Browser | Chrome version 35 or Microsoft Edge. |
| Database | SQl server 18 |
| Software | Internet Information Service |
| | JAVA |
| | NetBean |
| | GlassFish |
| | Intellij IDEA (api) |
| | Android Studio |

Client

| | |
|---|---|
| Operation System | Windows 7 or higher |
| Browser | Chrome version 35 or Microsoft Edge. |

### 2.1 Development software

- Microsoft Windows 10
- NetBean 8.2

- SQL Server 18
- Android Studio
- Intellij IDEA (api)
- Google Chrome or Microsoft Edge

## 2.2 Technology

- JavaEE
- API(Spring boot)
- Android
- Html , Css
- jQuery
- Javascript
- ajax
- Bootstrap
- JSP
- Servlet
- Facebook api
- Google api

- Zalo api
- Websocket
- Heremap api
- Barcode,qrcode
- .vchat

Chatbot(vchat)

**Android studio**

**Retrofit api**

# WEB SITE

## Step 1 Install netbean and run script sql

1.1 Download netbean 8.2, jdk 1.8.0_291, glassfish 4.0, android studio.

Netbean 8.2:

_Link 1:https://taimienphi.vn/download-netbean-ide-5221/8.2-phien-ban.

Down and unzip(if need)

_Link 2:

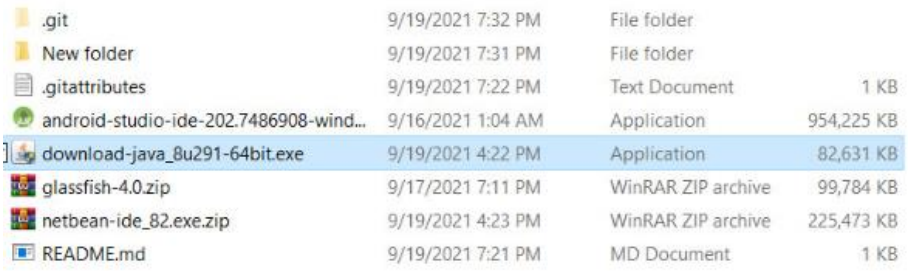
https://drive.google.com/file/d/1UXZzvayudtxsIulX1H2ByrKvZ4JDmcDA/view

(netbean-ide_82(1).exe.zip  inside folder project ) .Unzip

_Link 3: https://github.com/kimdat/project.git

(netbean-ide_82.exe.zip  inside folder project ) .Unzip

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |




Jdk 1.8.0_291:

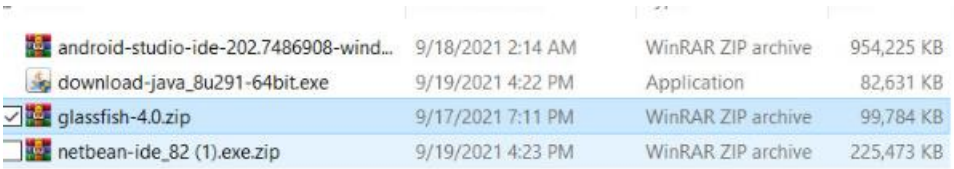
_Link 1:https://taimienphi.vn/download-java-runtime-environment-221/8-update-291-64bit-phien-ban

. Unzip(if need)

_Link 2:

https://drive.google.com/file/d/1UXZzvayudtxsIulX1H2ByrKvZ4JDmcDA/view

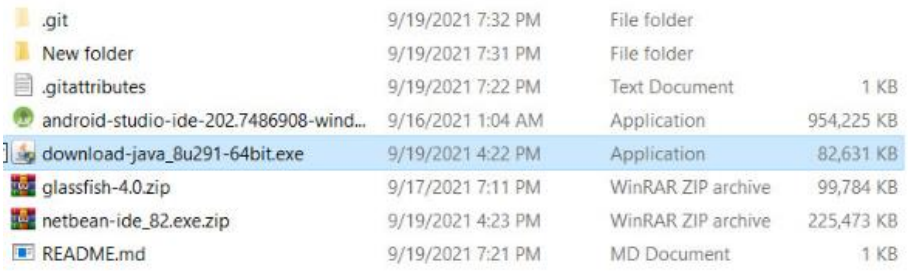
(download-java_8u291 inside folder project )




| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

_Link 3: https://github.com/kimdat/project.git

(download-java_8u291 inside folder project )




glassfish 4:

_Link 1:

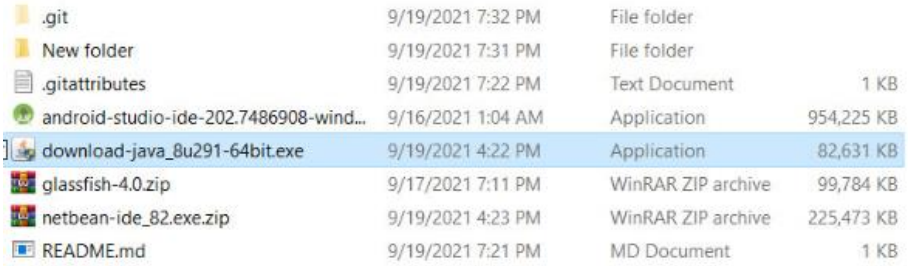
https://drive.google.com/file/d/1UXZzvayudtxsIulX1H2ByrKvZ4JDmcDA/view

(glassfish-4.0 zip inside folder project).Unzip

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

_Link 2 : https://github.com/kimdat/project.git

(glassfish-4.0 zip inside folder project).Unzip




Anrdoird studio:

_Link 1:

https://drive.google.com/file/d/1UXZzvayudtxsIulX1H2ByrKvZ4JDmcDA/view

.( android-studio-ide-202.7486908-windows.exe inside folder project).

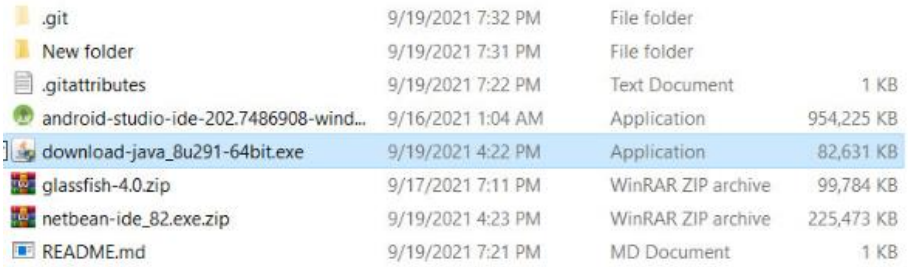
_Link 2:

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

https://developer.android.com/studio?gclid=Cj0KCQjwv5uKBhD6ARIsAGv9a-ya-RPSZ3ql7p6ioMA21U7hnyjLyv2UyJdf43S5TUEHZb5GOGOrVycaAutcEALw_wcB&gclsrc=aw.ds

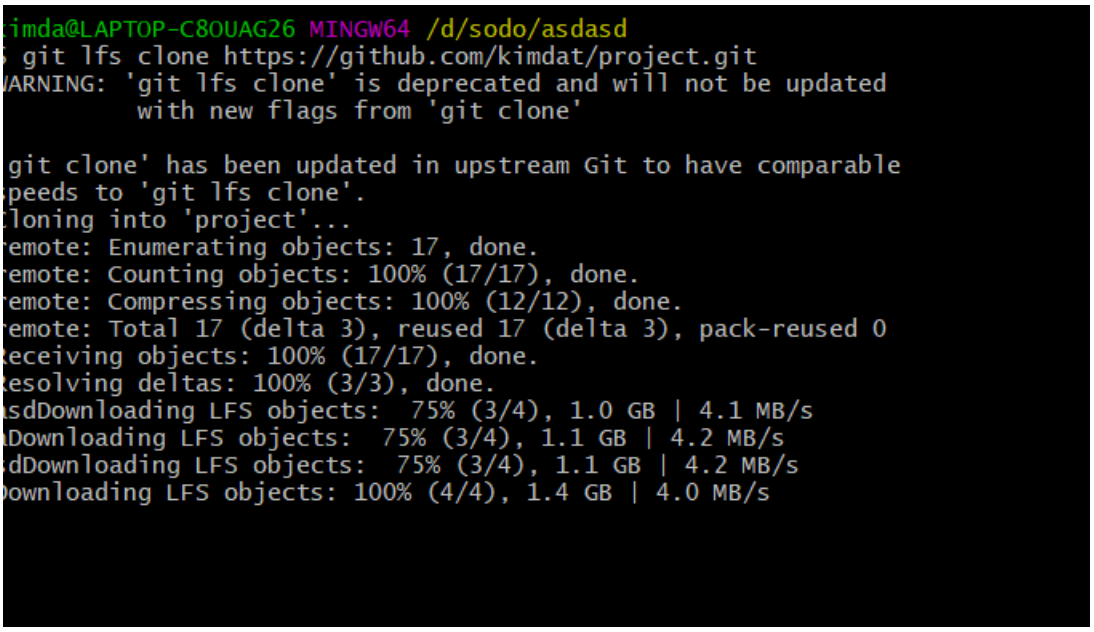
Link 3: https://github.com/kimdat/project.git

( android-studio-ide-202.7486908-windows.exe inside folder project).

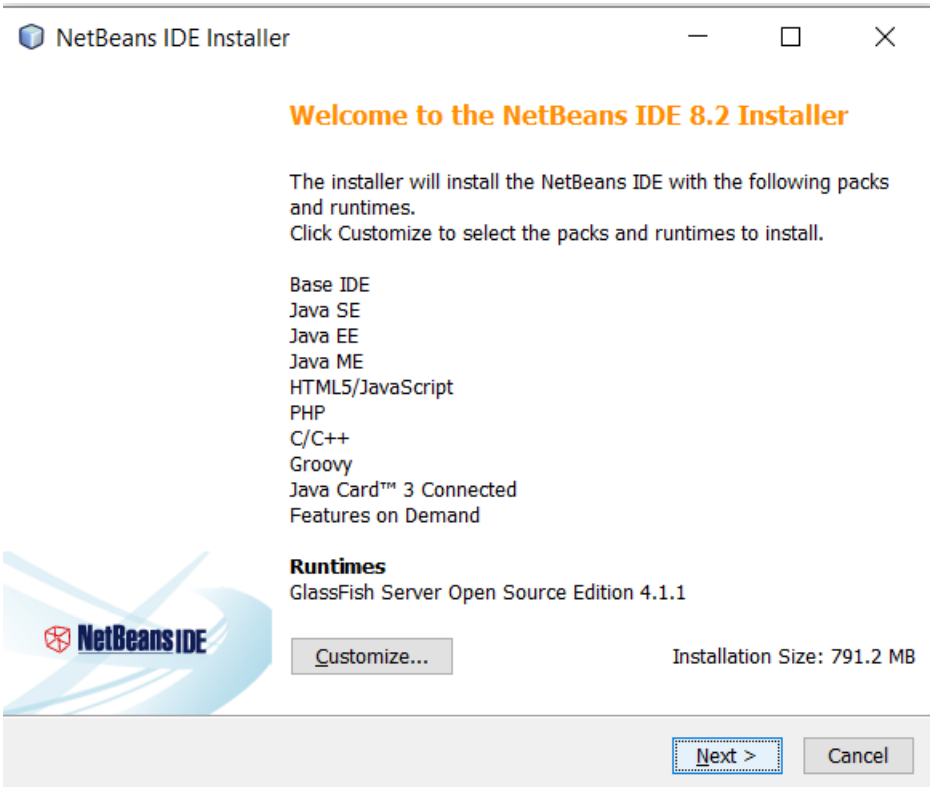



Warning:When you clone from github, please down and install git large file store. Follow the instruction at https://git-lfs.github.com/.After down and install ,use git lfs clone instead of git clone. Please wait. If can't clone fully, please remove folde project and use git lfs clone again.Clonse success when dowling LFS object:100%

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

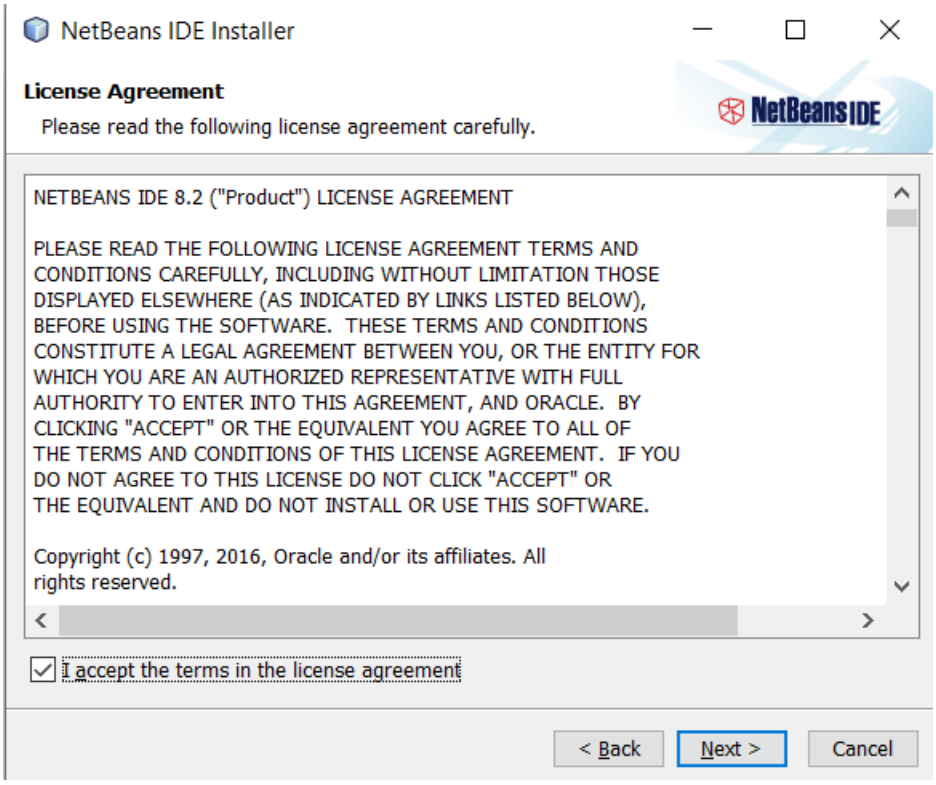



1.2 Open netbean 8.2 exe, wait and then click next



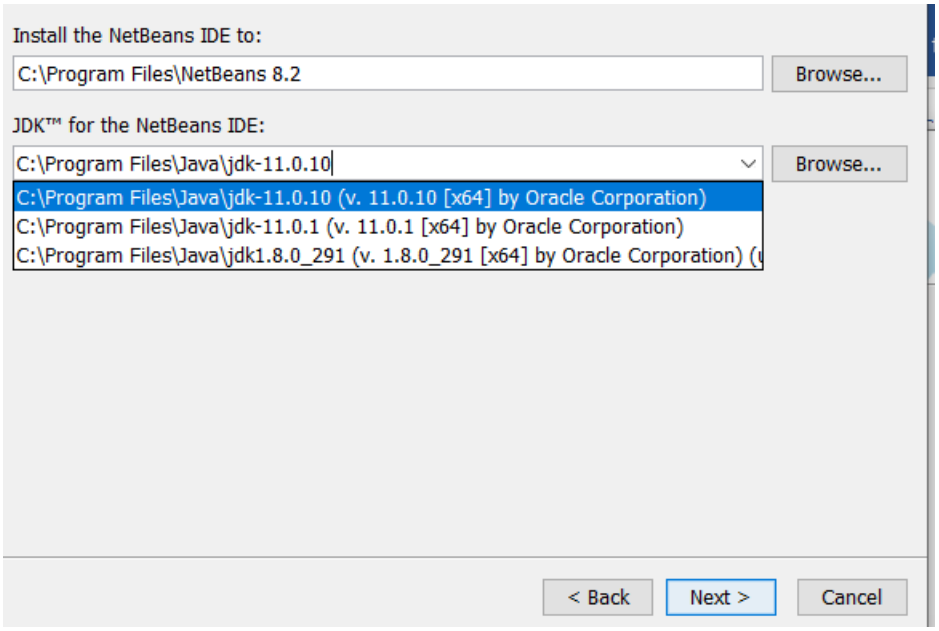

1.3 Click accept and next

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |



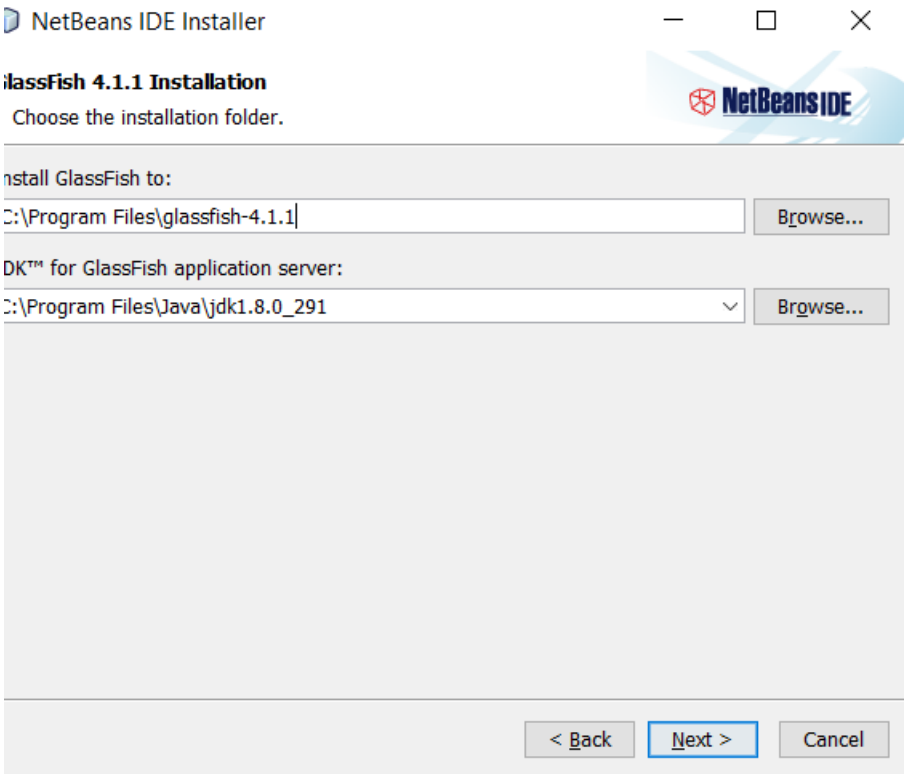

1.4 Choose jdk 1.8.0_291

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |



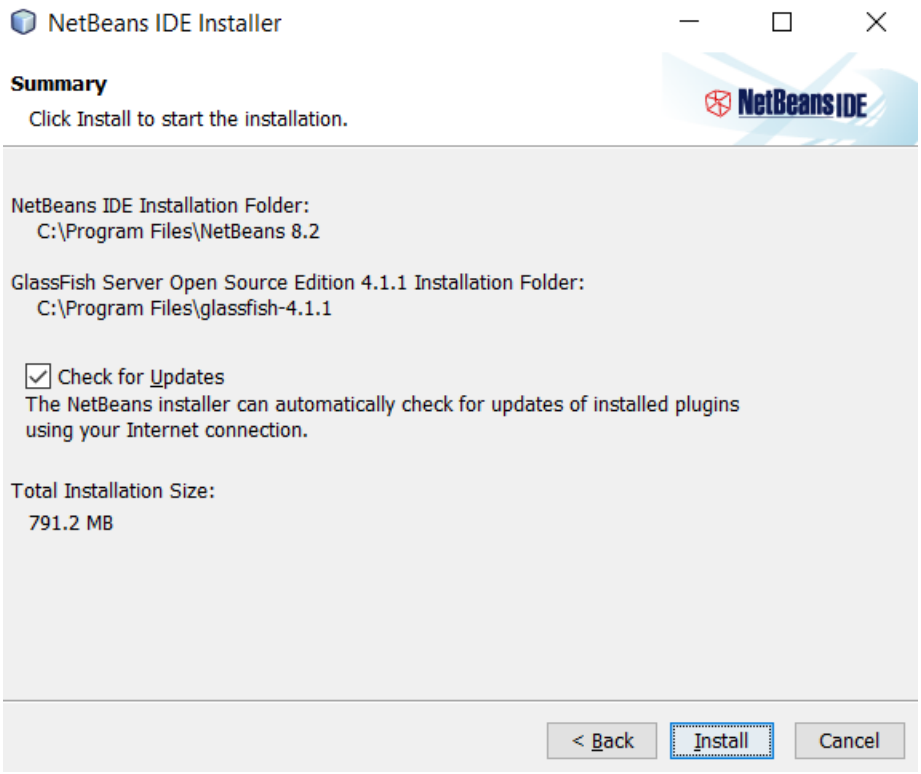

1.5 Click next

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |



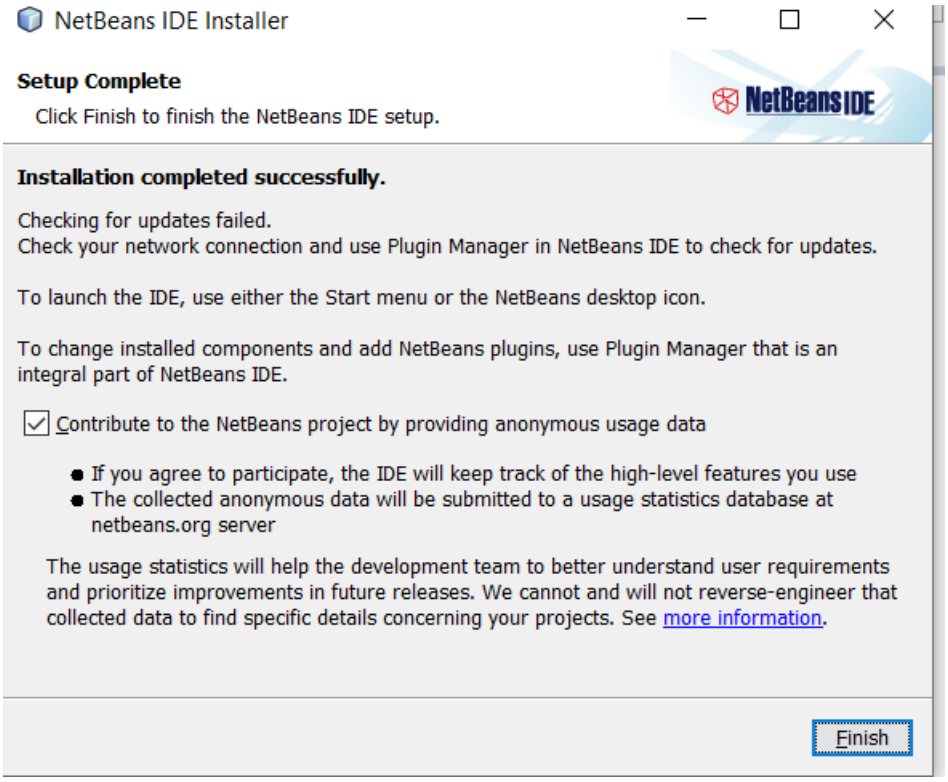

1.6 Click install and **please wait**

| | **Prepared by (Student)** | **Approved by (Faculty)** |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

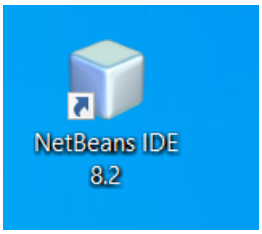



1.7 Click finish

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

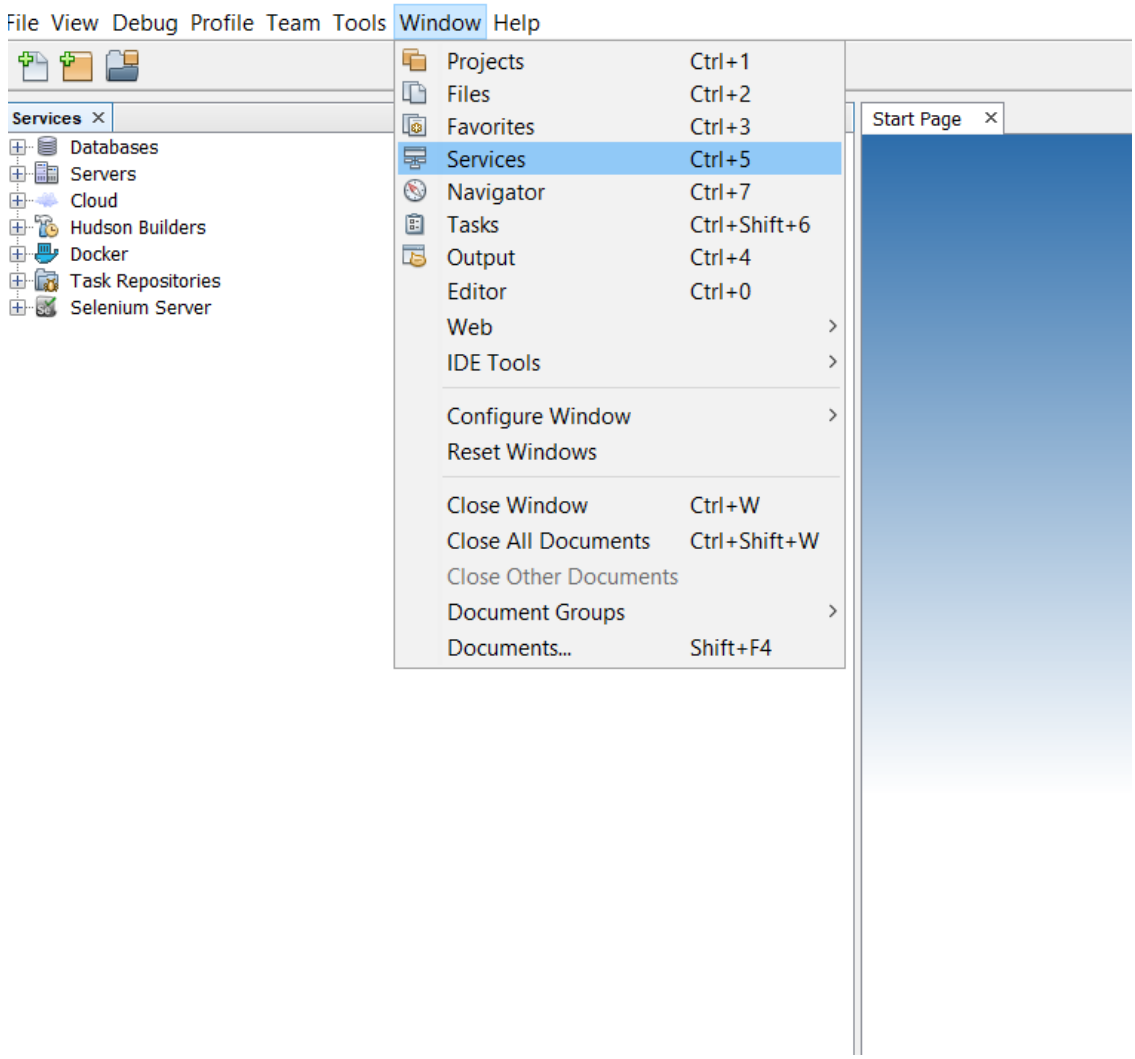



1.8 Open netbean 8.2.click no if dialog import show



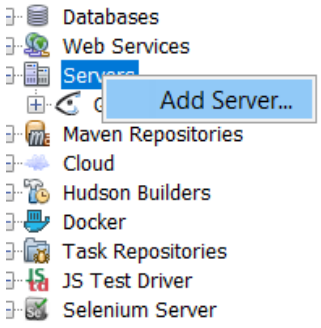

1.9 Click windows at top panel-> click service

| | **Prepared by (Student)** | **Approved by (Faculty)** |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

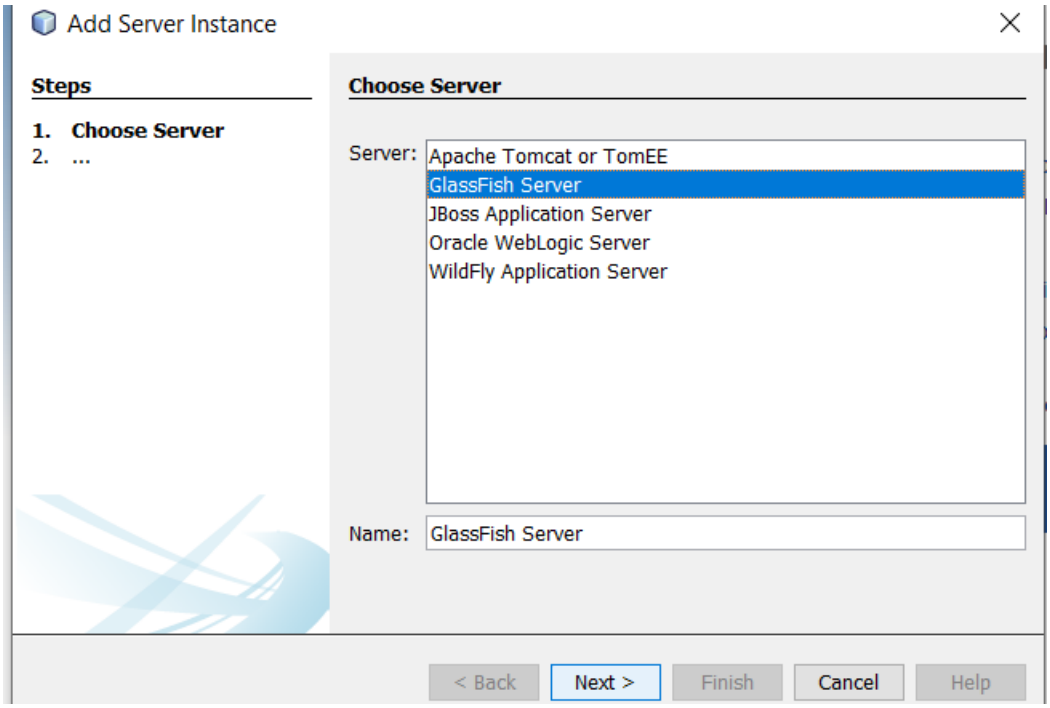



1.10 At left panel ,right click severs and click add sever

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

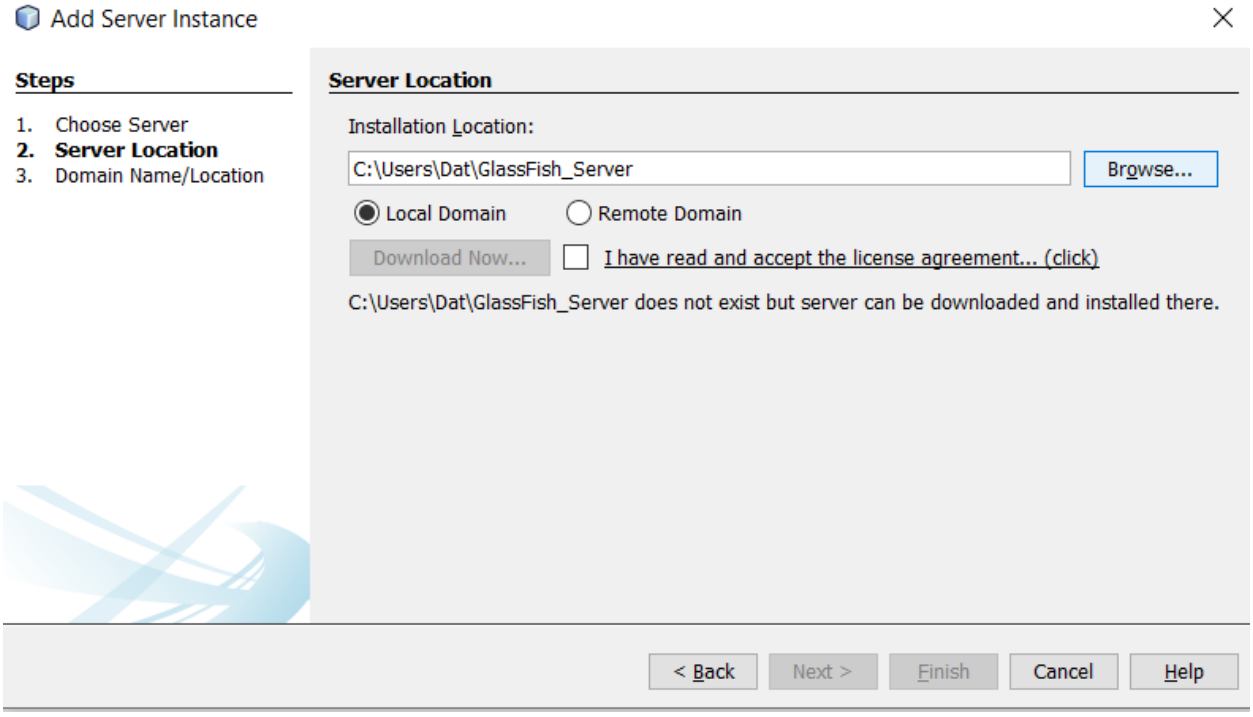



1.11 Choose  glassfish server and click next



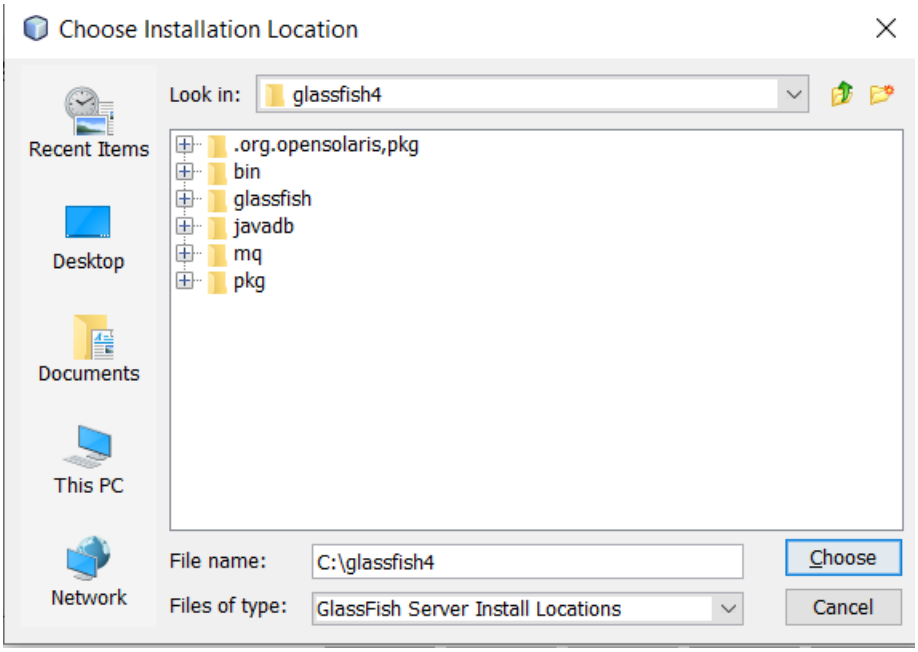

1.12 Click browser

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |



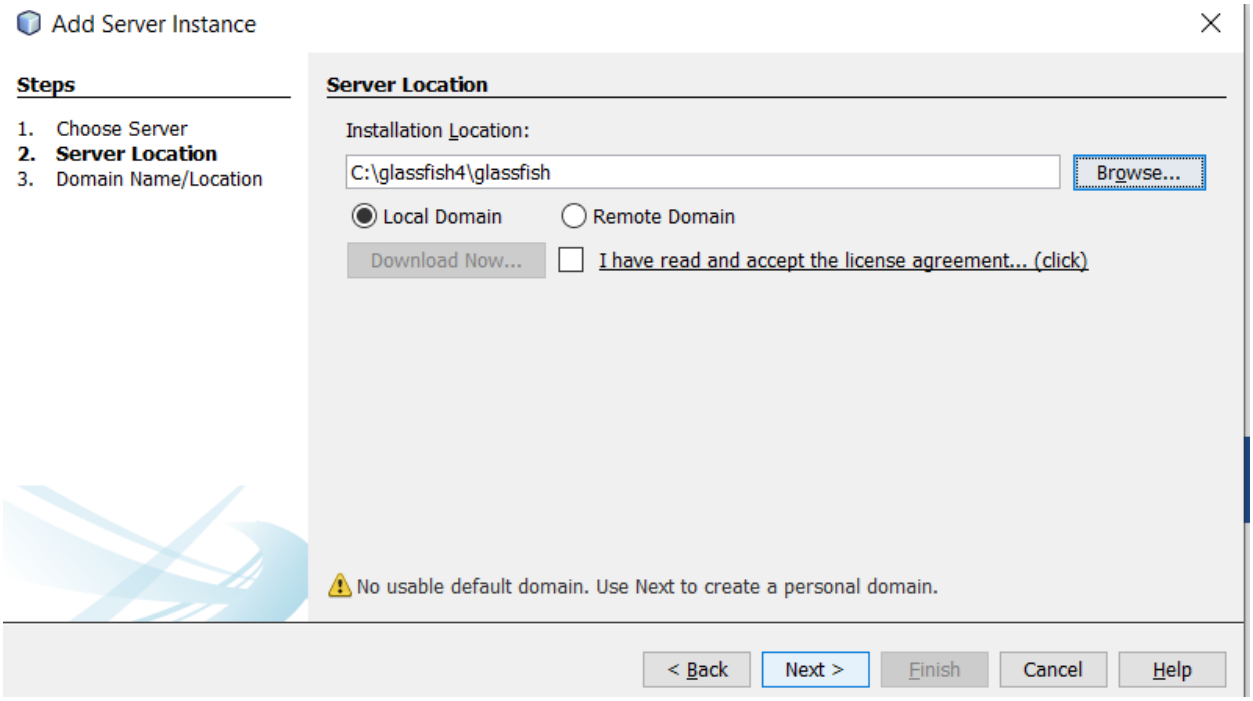

1.13 Choose location glassfish 4 and click choose

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |



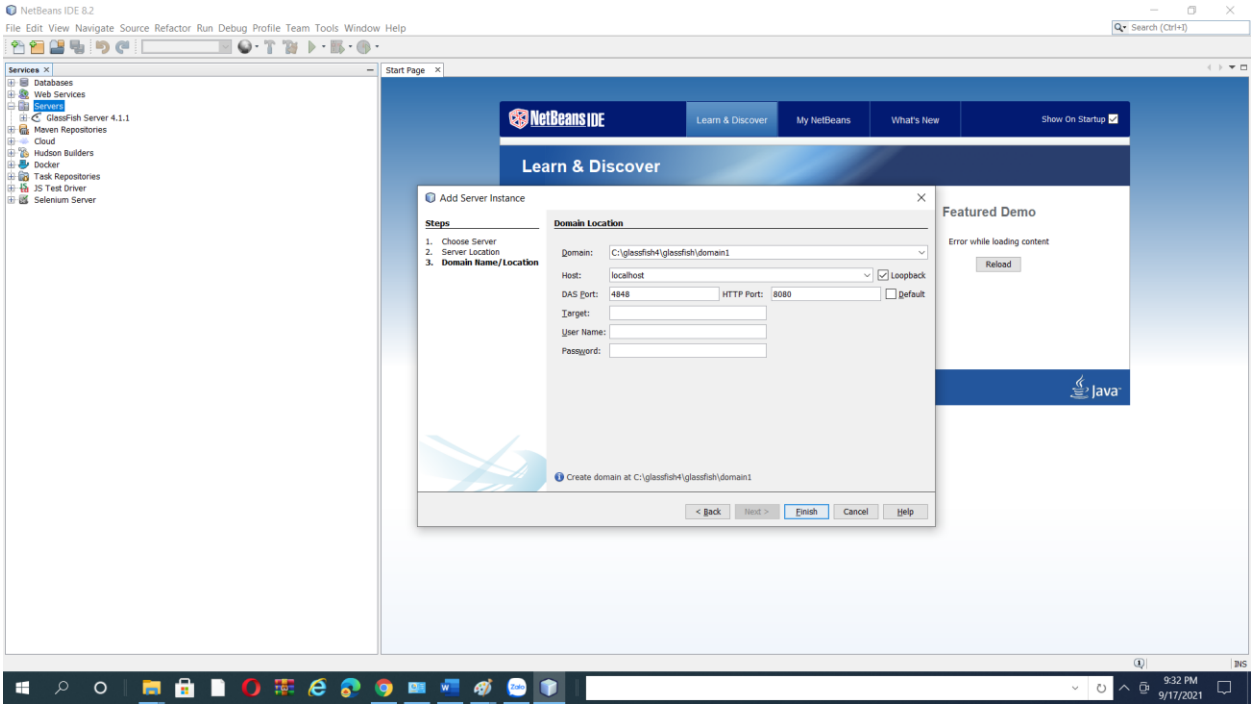

1.14 Click next

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

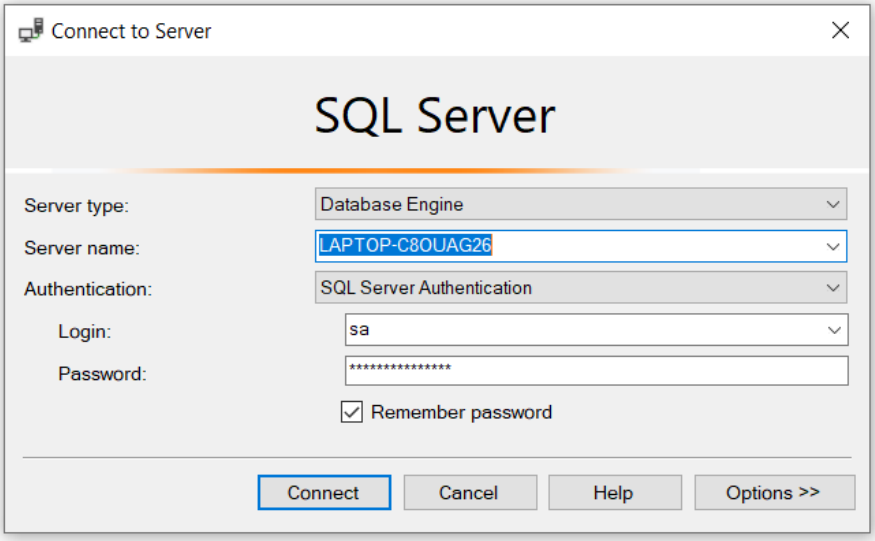



1.15 Click finish

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

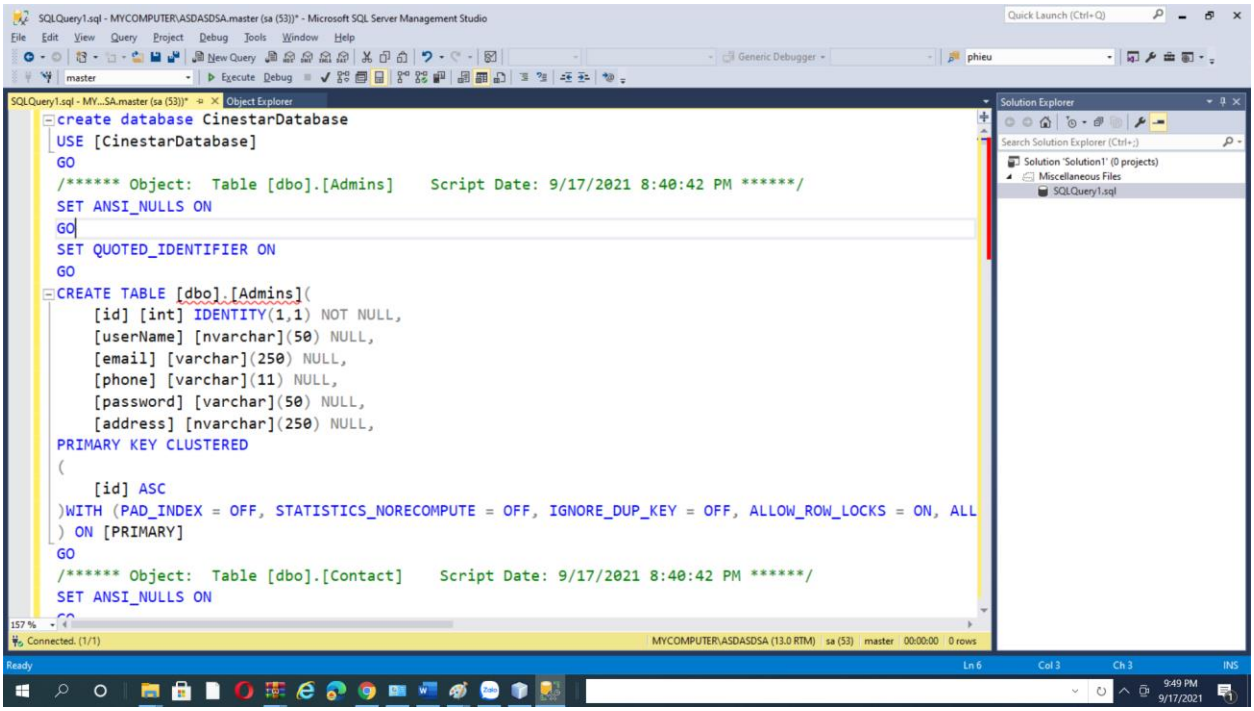



1.16 Open ssms and login Sql sever




| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

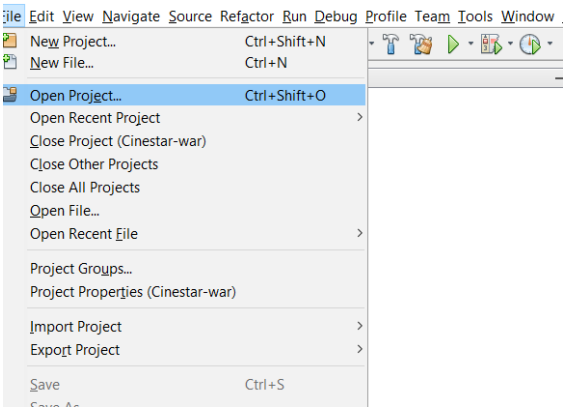
1.17 Open file cinestar1.sql(inside folder database inside Group3_cinestar) and run script(Make sure CinestarDatabase don't exist).If error,please drop database CinestarDatabase and then run file cinestar2.sql (inside folder database inside Group3_cinestar)



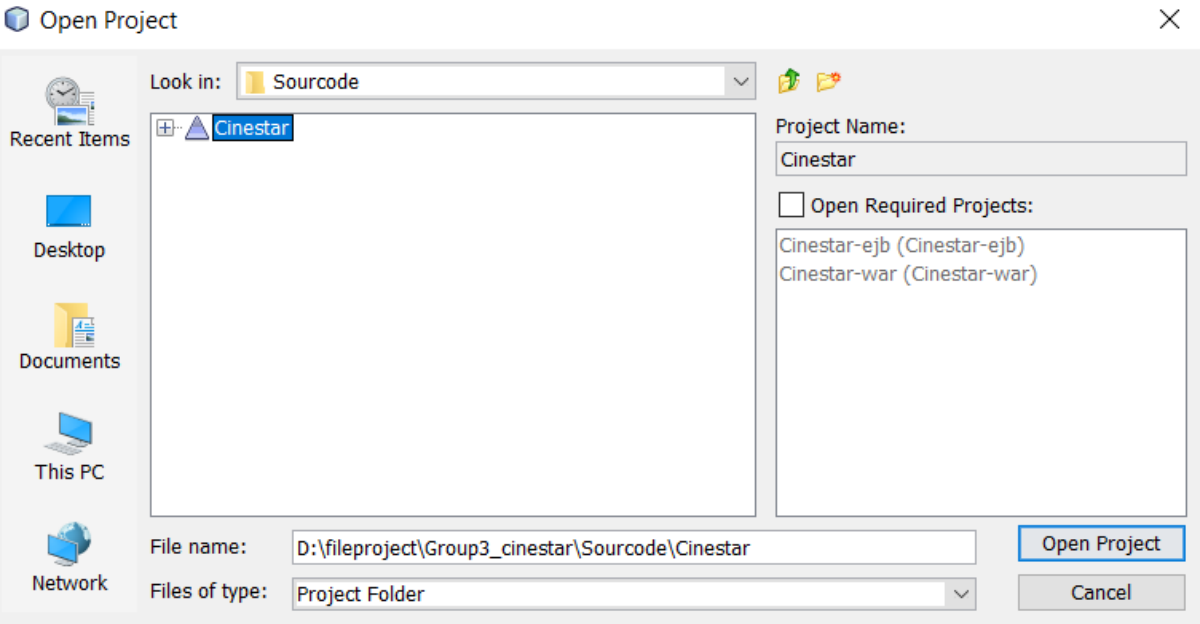

## Step 2 Deploy sever

2.1 Click file->click open project

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

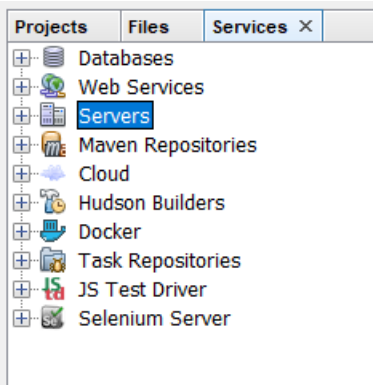



2.2 Unzip Cinestar in folder Sourcoce in folder Group3_Cinestar) . Find location project and click Open project

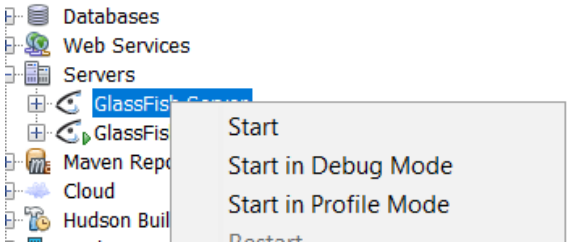



2.3 At left panel,click to services

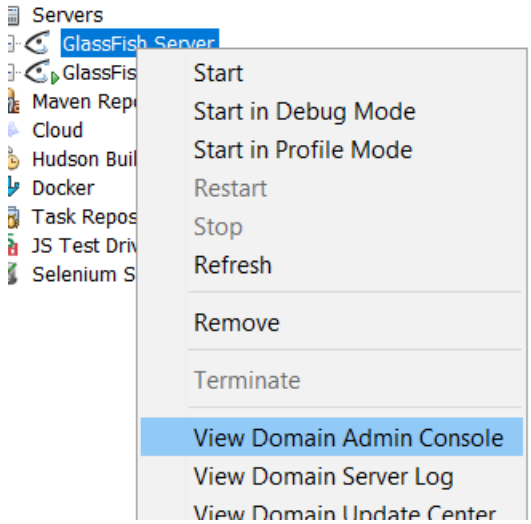
| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |




2.4 Double click servers,right click glash fish server and then click Start

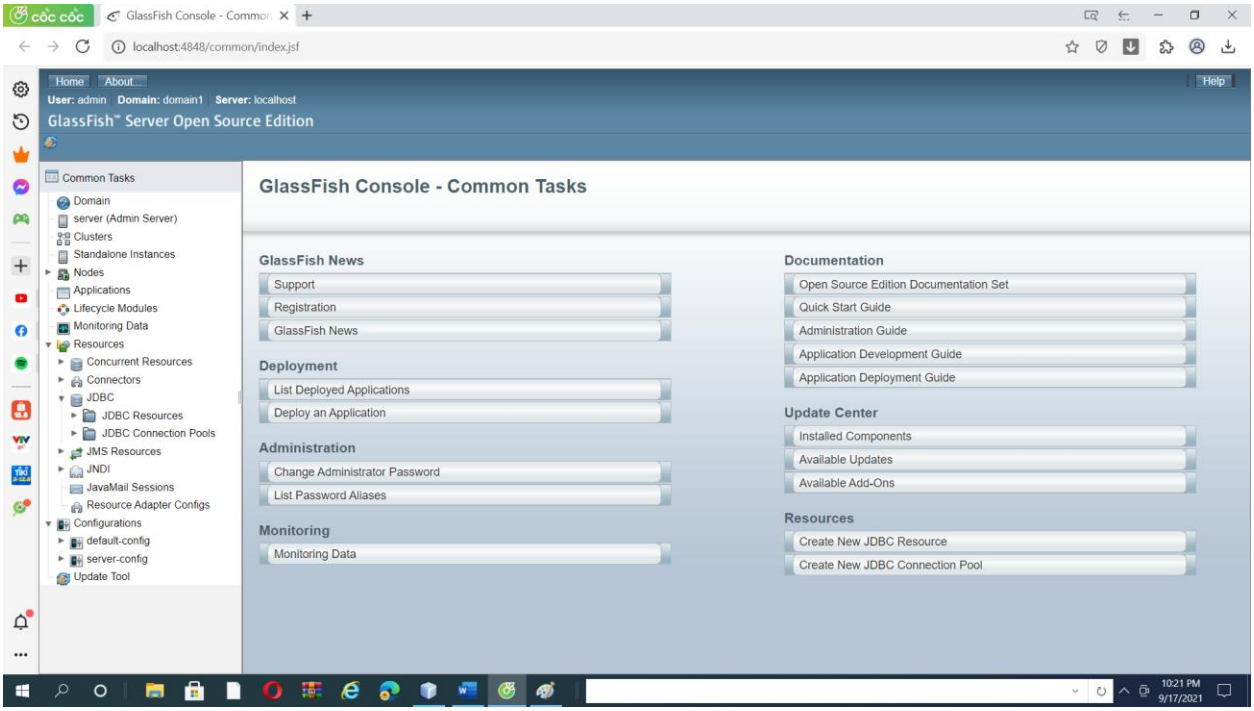



2.5 Wait and then Right click again.Then, click View domain admin console

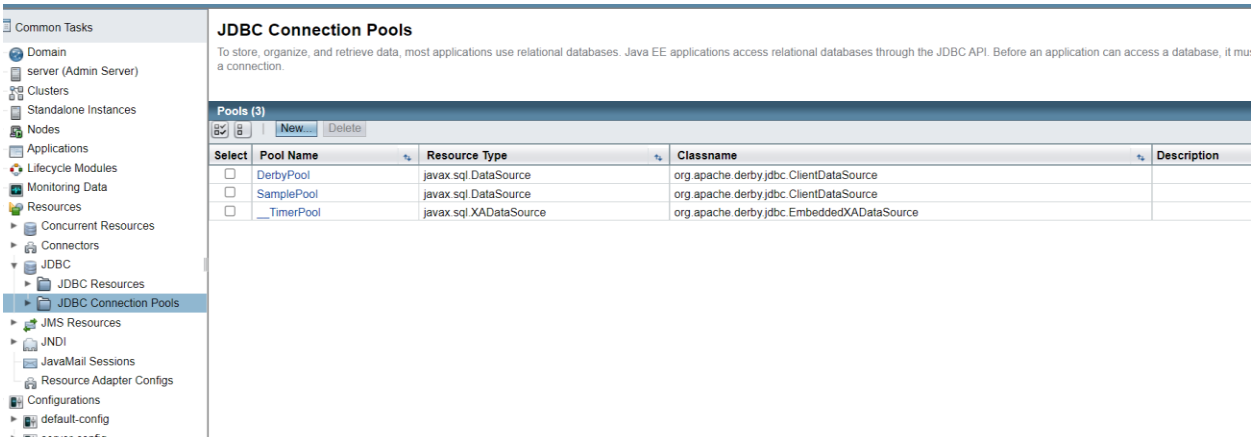



| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

## 2.6 Glassfish console will show in browser

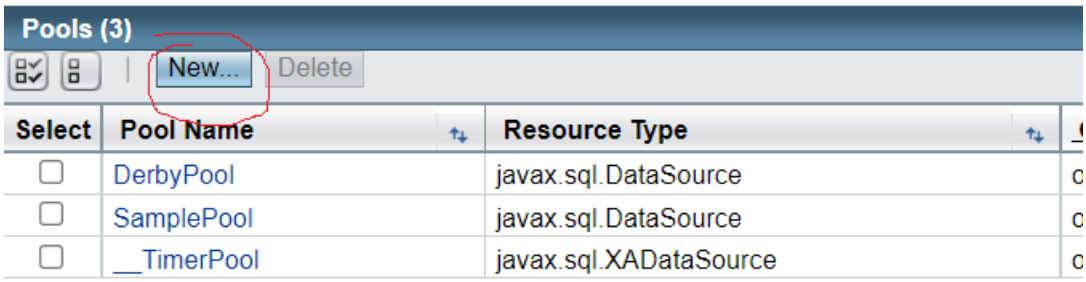



## 2.7 At left panel.click jdbc Connection

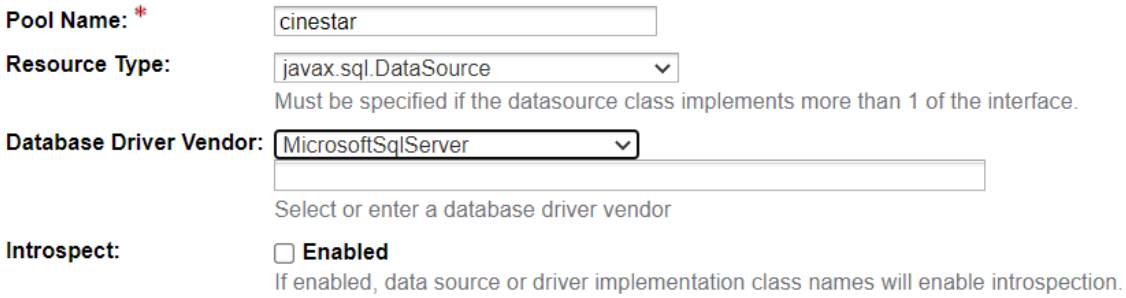



## 2.8 click new

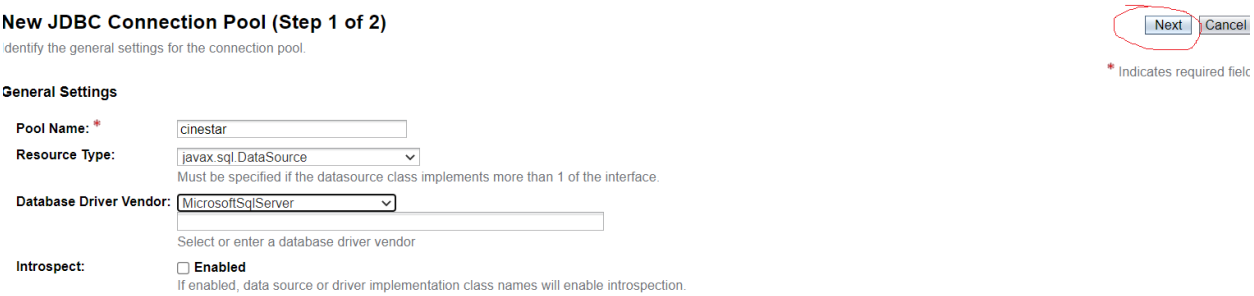
| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |




2.9 Input poolname uptoyou,resource type choose javax.sql.DataSource. Datebase Driver vemdor choose MicrosoftSqlServer



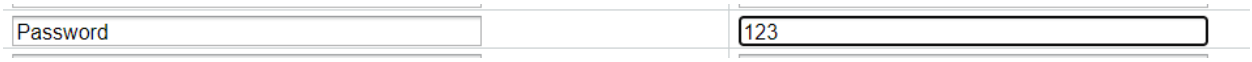

2.10 click next




2.11 fill user connect database  next user

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

2.12 fill password connect datbase next Password




2.13 fill CinetarDatabase next DatabaseName

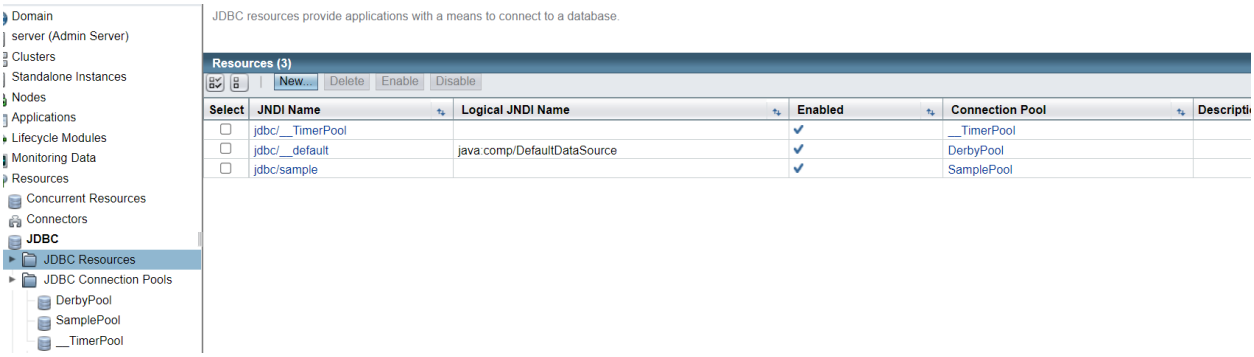
2.14 click finish

2.15 choose pool you have created

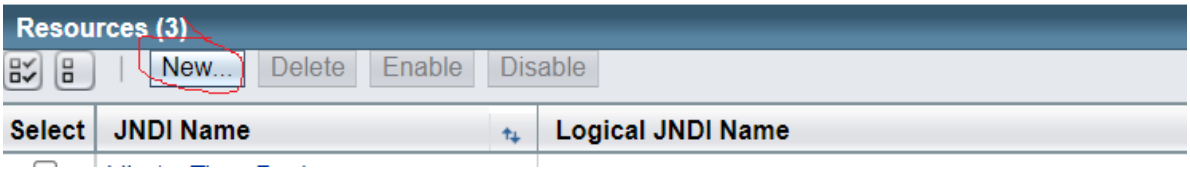
2.16 Click ping to test

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

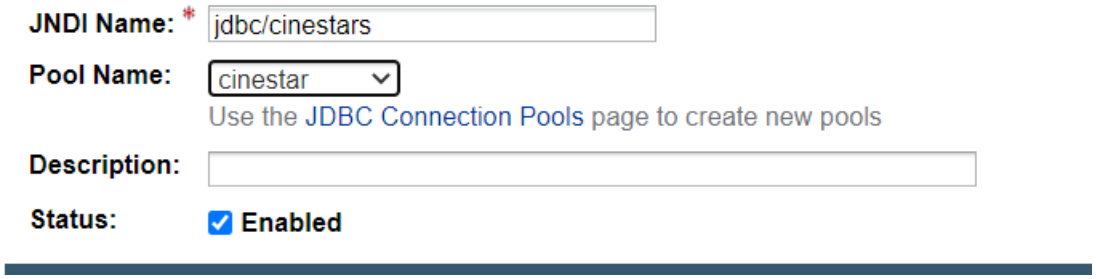
## 2.17 At left panel, click jdbc resources



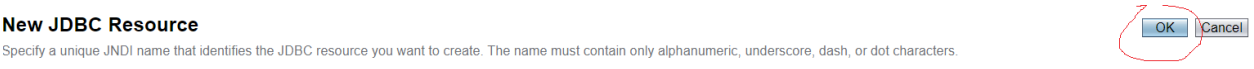

## 2.18 Click new




## 2.19 input jdbc/cinetarts next JDNI NAME.choose pool you have created at poolname



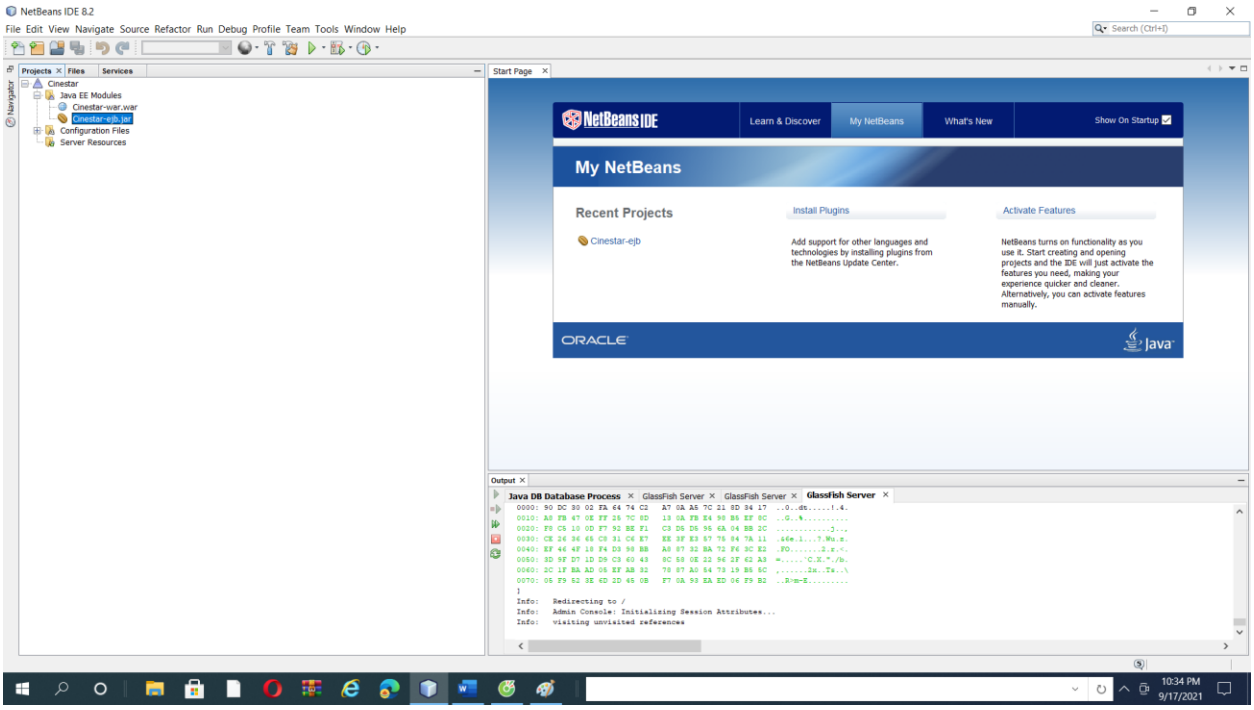

## 2.20 Click ok




| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

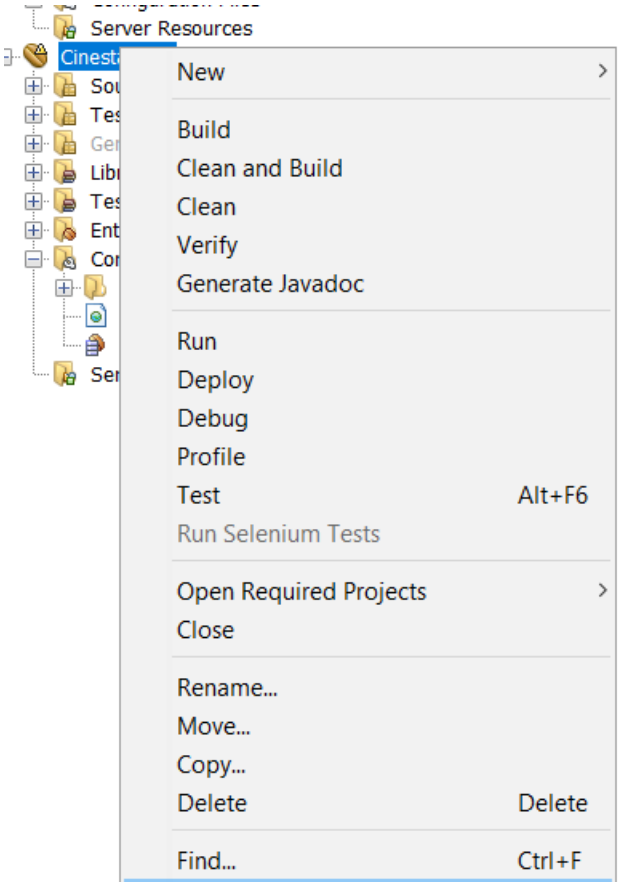
2.21 Open project Cinestar(Unrar cinstar.rar in folrder in Group3_cinestar)

2.22 Double click Cinestar, double click cinestar-ejb,jar

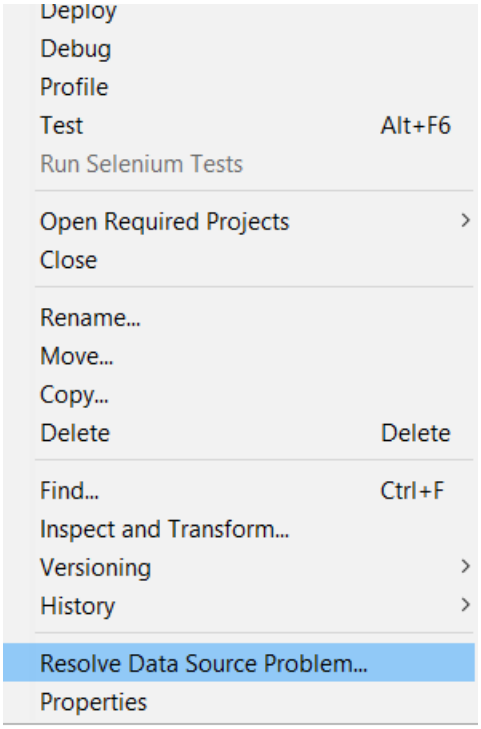



2.23 Right click Cinestar-ejb.jar below

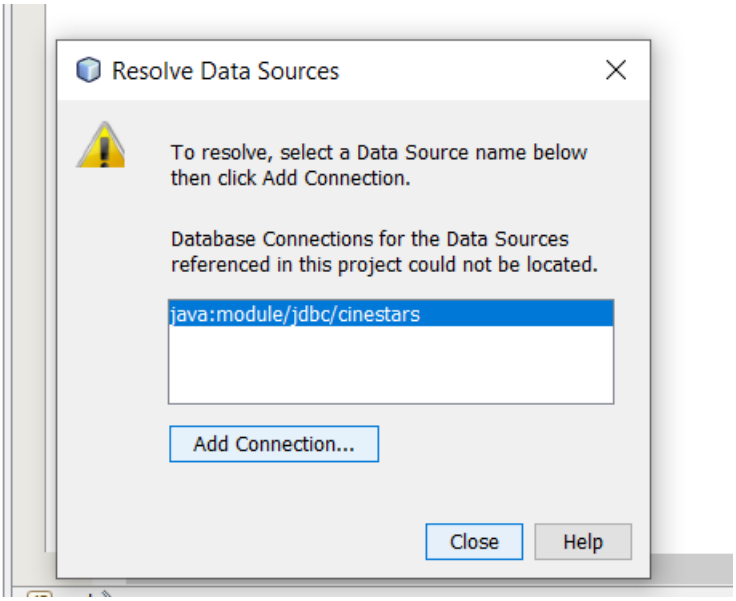
| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |



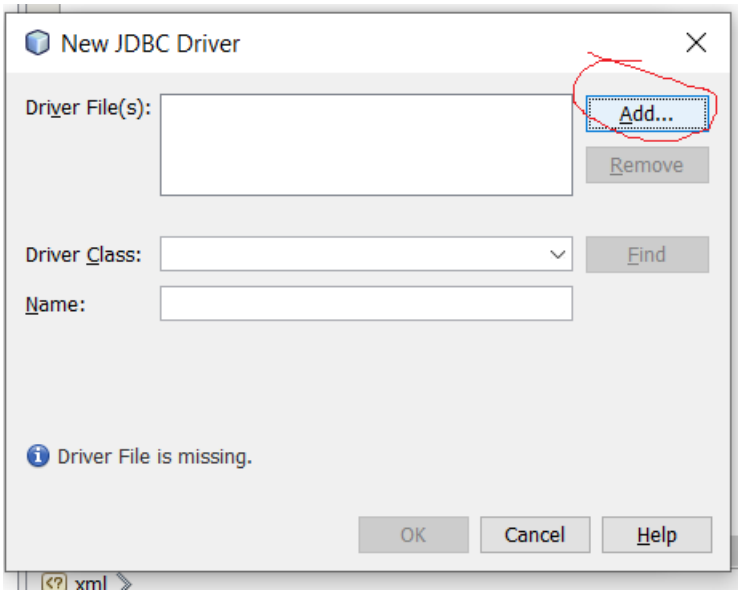

2.24 Choose resolve data source problem




2.25 click Add connection

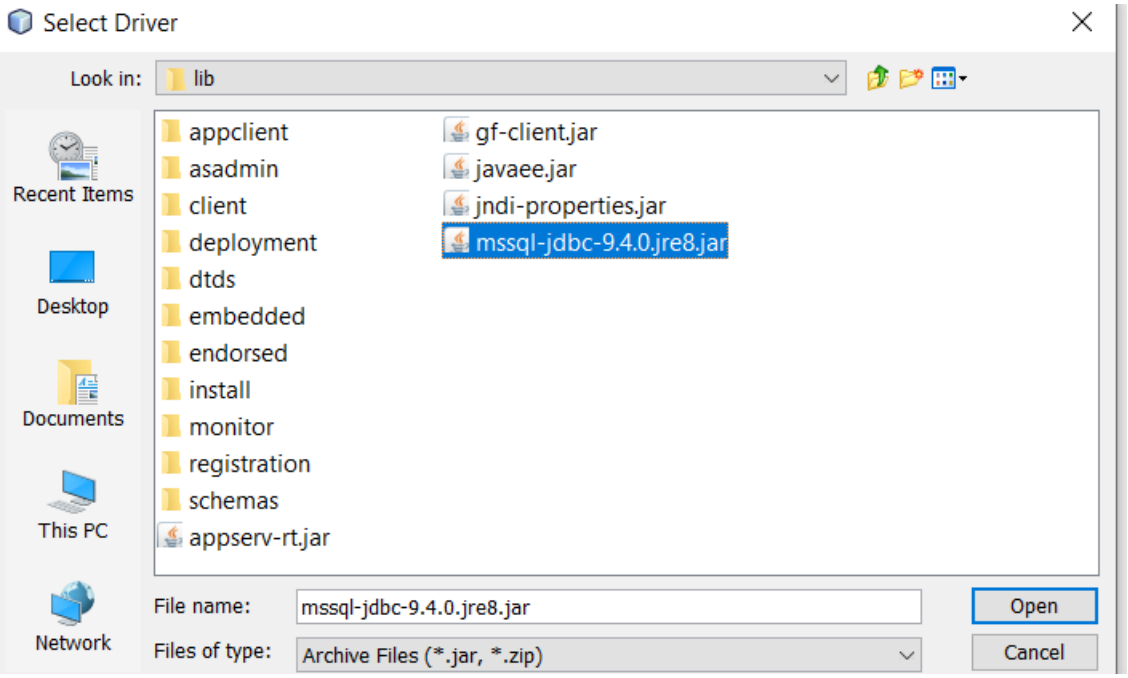



2.26 click add



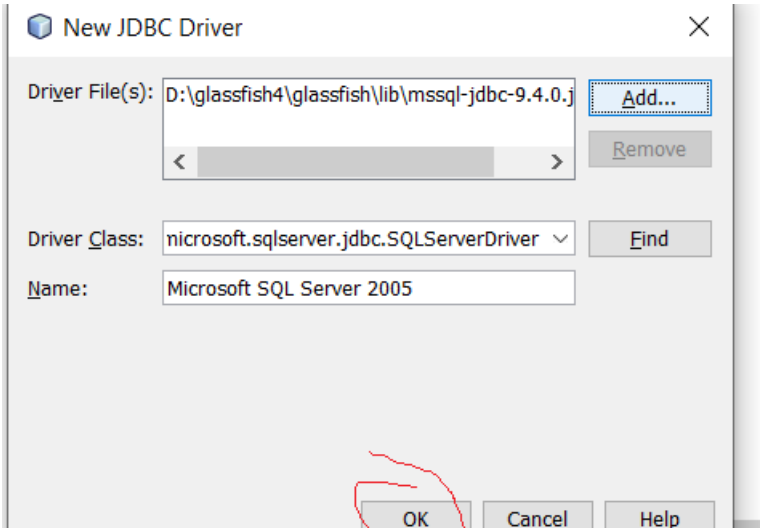

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

2.27f ind location mssql-jdc-9.4.0.jre8.jar(glasshfish4->glasshfish->lib) and click open You can Down load mssql-jdc-9.4.0.jre8.jar at https://docs.microsoft.com/vi-vn/sql/connect/jdbc/download-microsoft-jdbc-driver-for-sql-server?view=sql-server-2017.

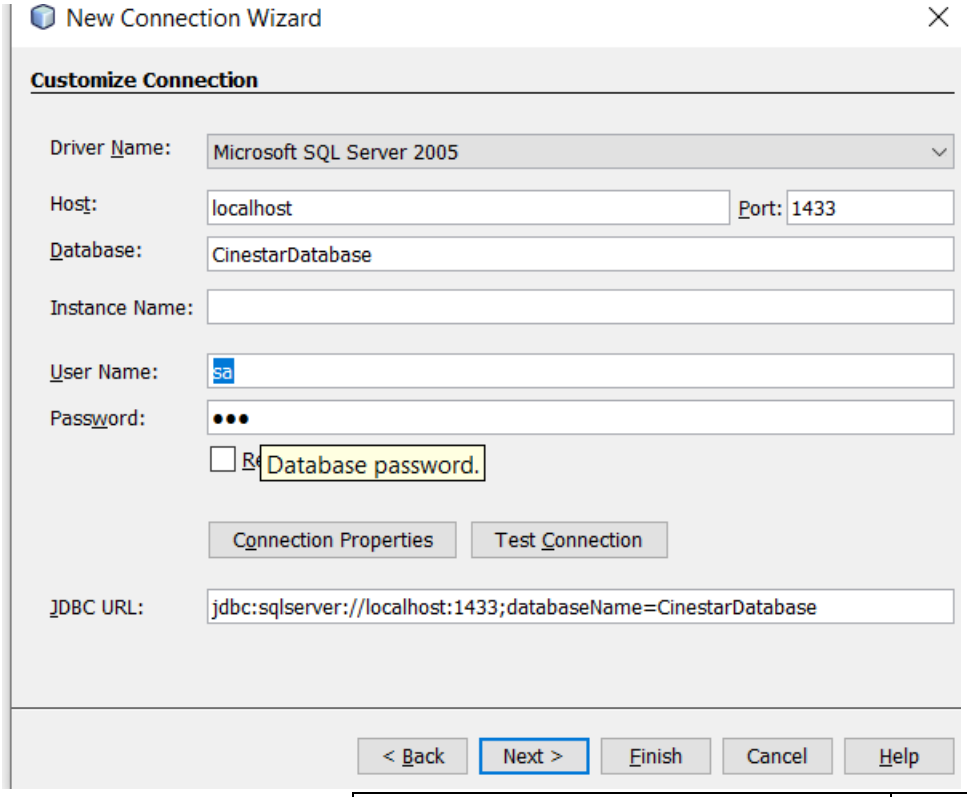



2.28 click ok

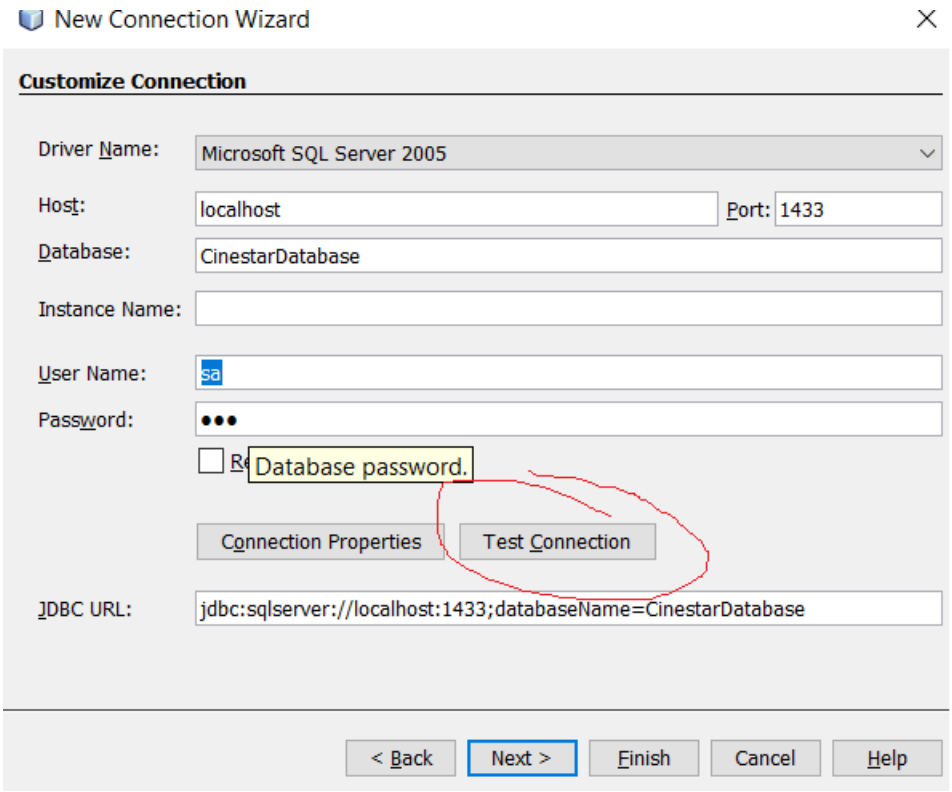
| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |




2.29 Enter uername,password

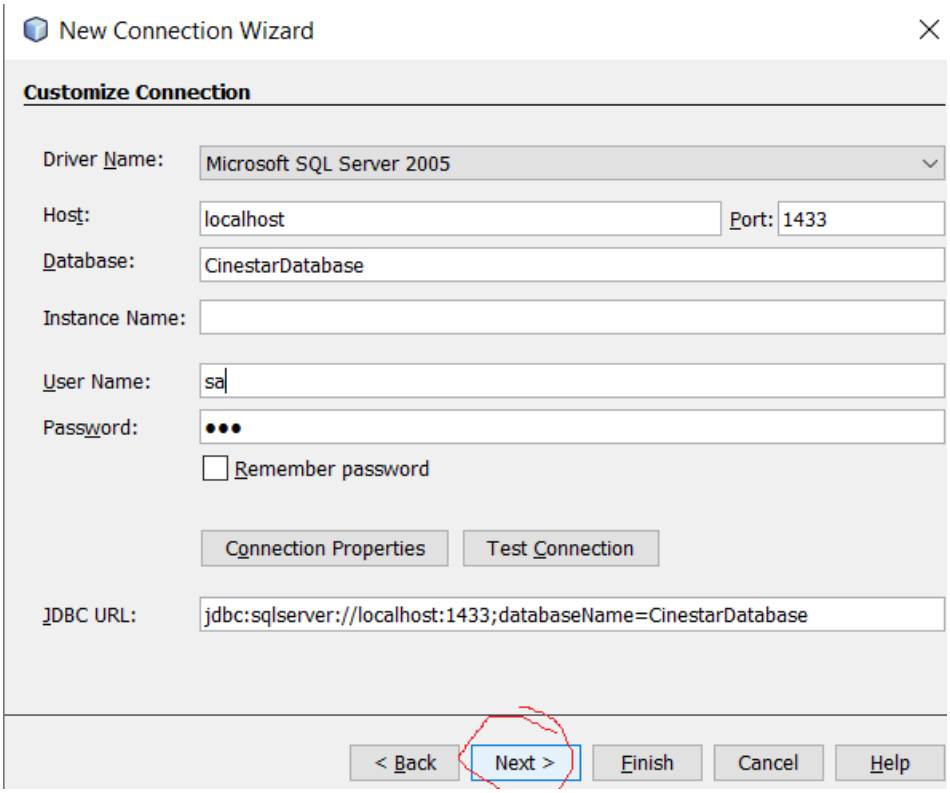


2.30 Click test connection.It ‘s ok.Do next step. If isn’t ,try again



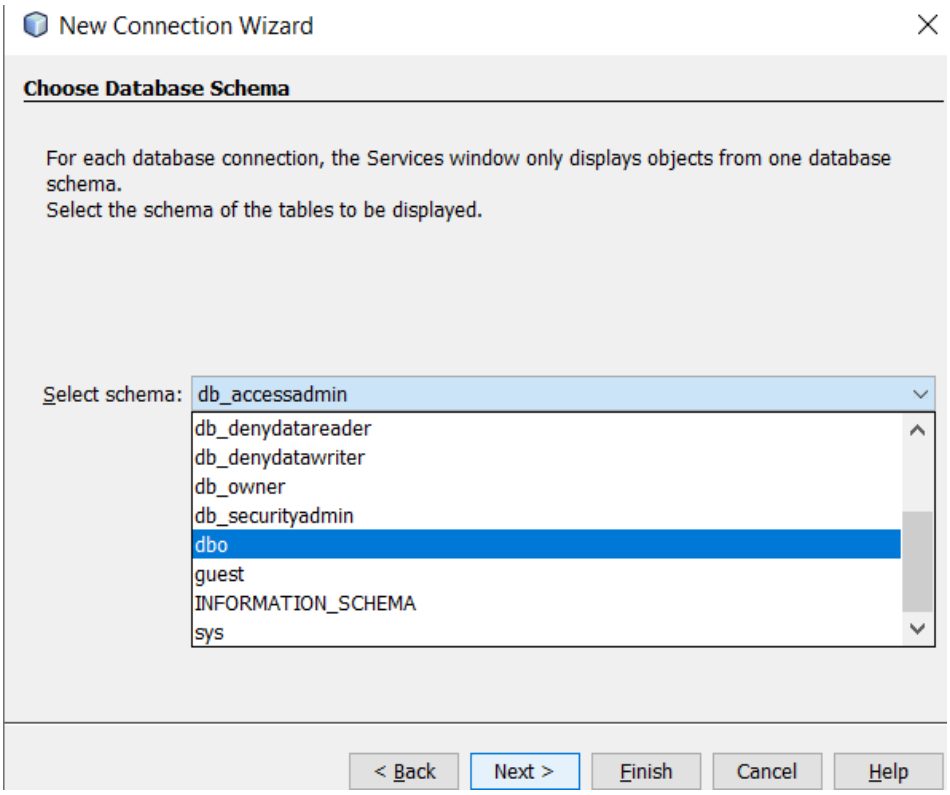

2.31 Click next

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |



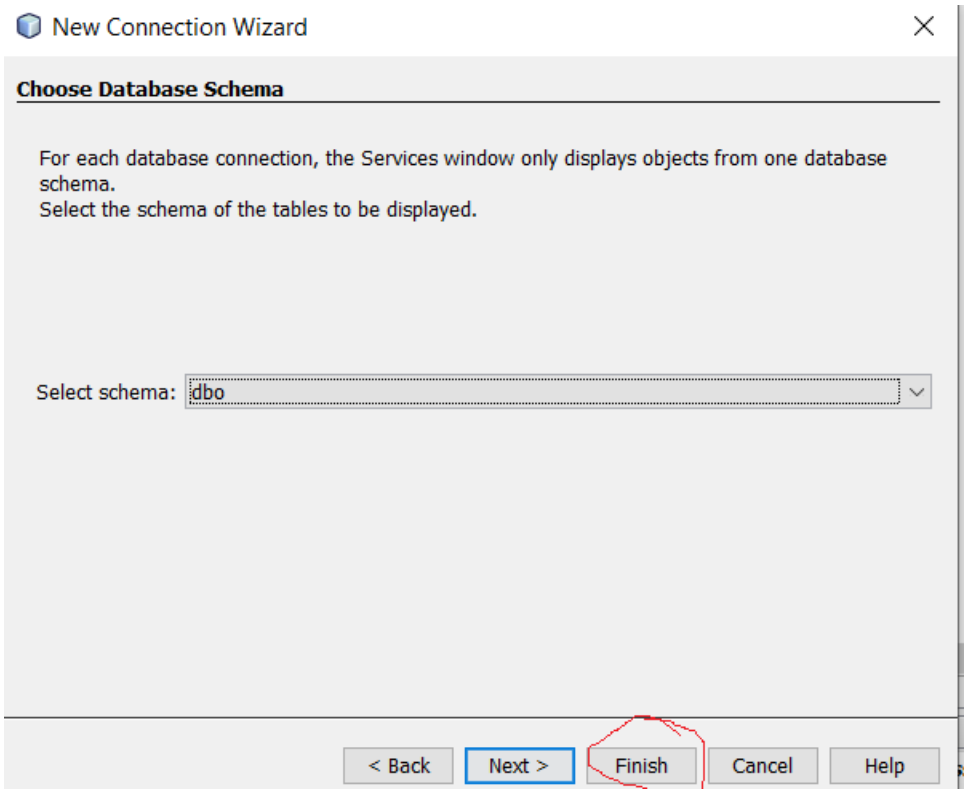

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

2.32 choose dbo



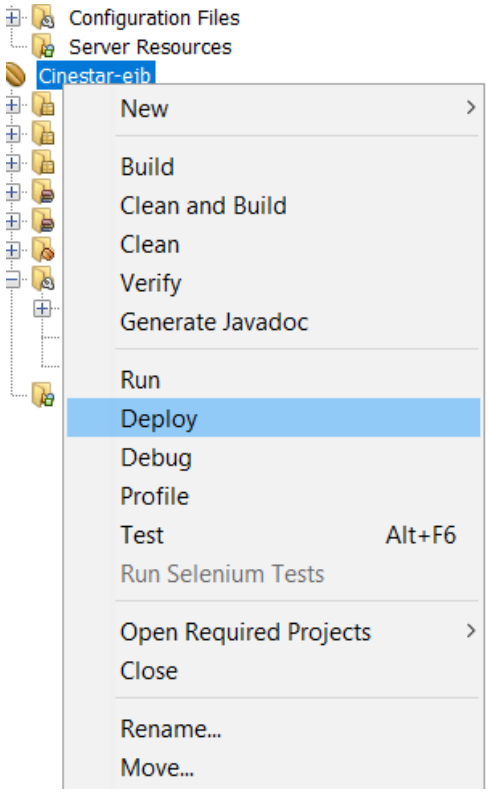

2 .33 click finish and PLEASE WAIT and then close

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

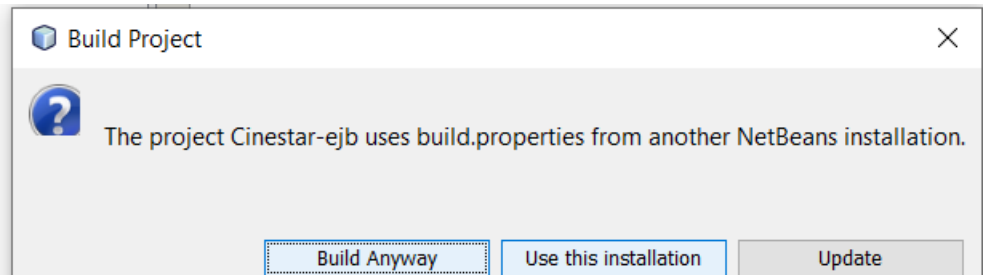



2.34 Right click cinestar-ejb and click deploy

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |




2.35 click use this installation and PLEASE WAIT



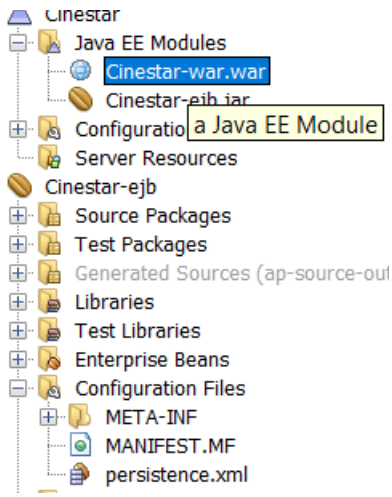

2.36 Build success

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

```
In-place deployment at D:\Cinestar\Cinestar-ej
post-run-deploy:
run-deploy:
run:
BUILD SUCCESSFUL (total time: 5 seconds)
```

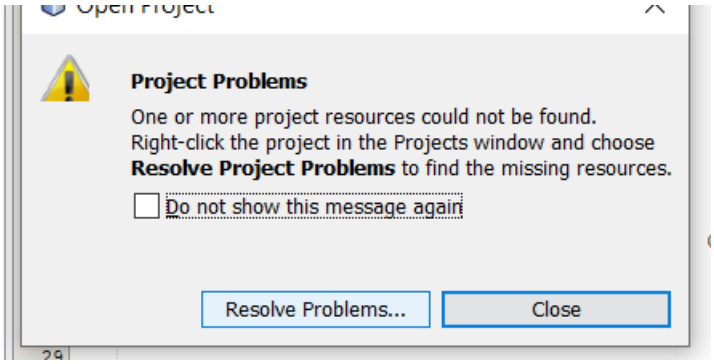
## Step 3 Add jar and fix web client and run project

3.1 At Cinestar double click cinestar-war.war



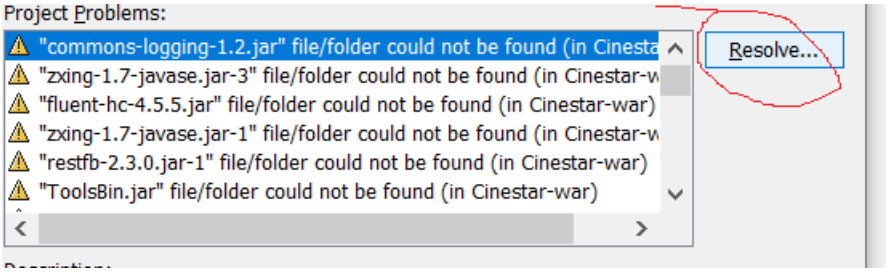

From 3.6 to 3.8, you don't need to do

3.2 Click resolve problems



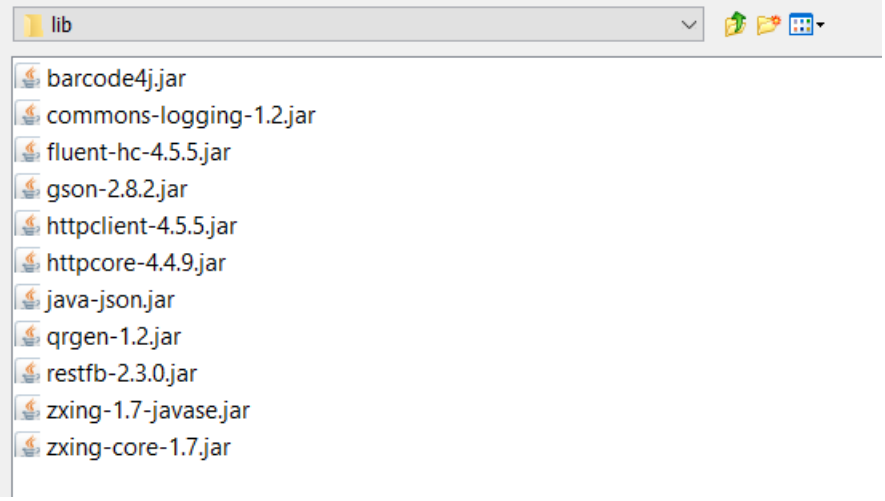

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

3.3 Click resolve




3.4 Find folder lib in Group3_cinestar and choose jar correspond to warning name.Example:g-son-2.8.2.jar “file/

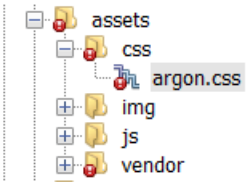
Folder could not found->choose g-son 2.8.2



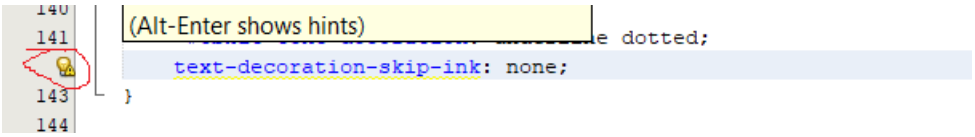

3.5 Repeat 3.4 until no have warning

3.6 Click to webpage and click file with have css parsing error at webpage.Example asstes->css->argon.css

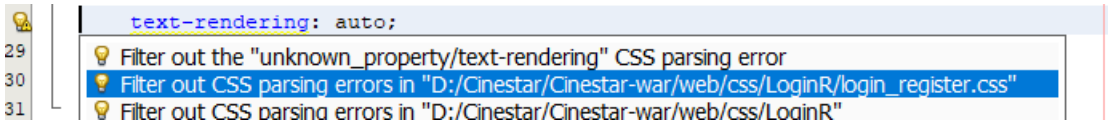
| | **Prepared by (Student)** | **Approved by (Faculty)** |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |



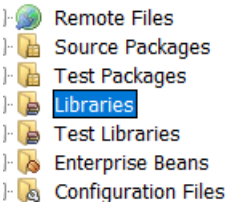

3.7 find line have light bulb and click light bulb



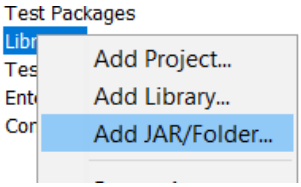

3.8 click  seond line(Filter out css partsing eror




3.9 Right click libraries

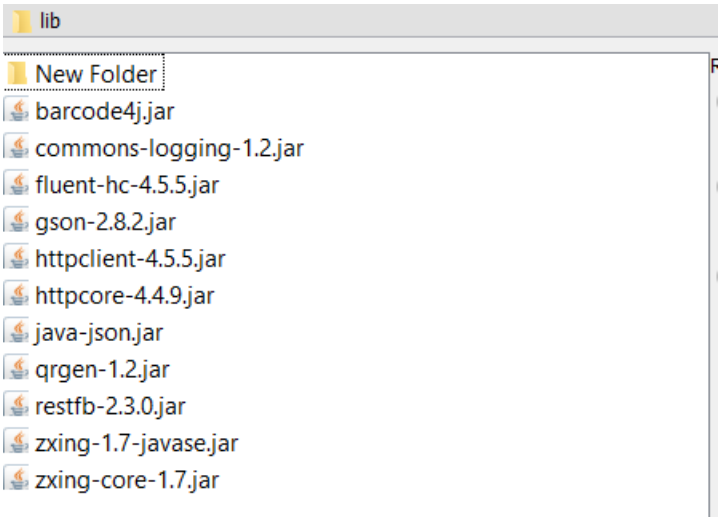



3.10 Double click  Add jar/folder

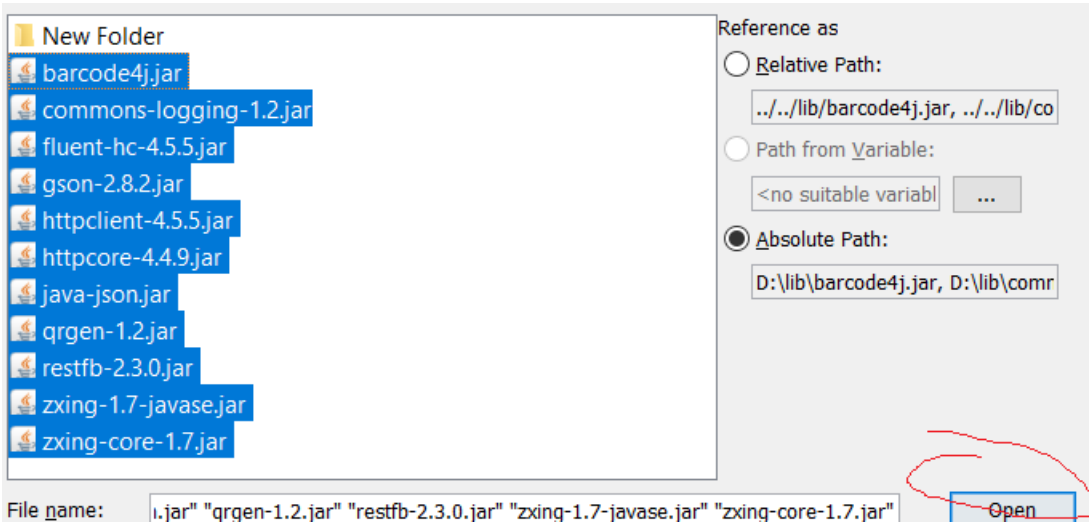



| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

3.11 find folder lib in Group3_cinestar and click all jar

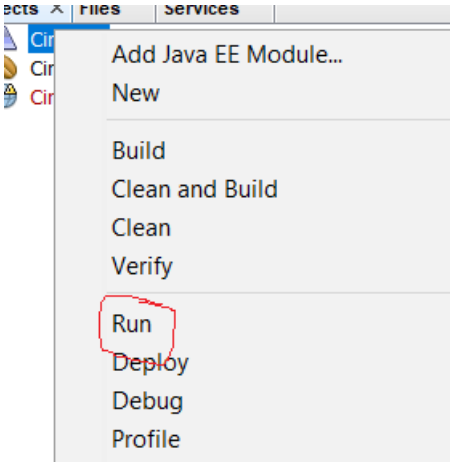



3.12 click open

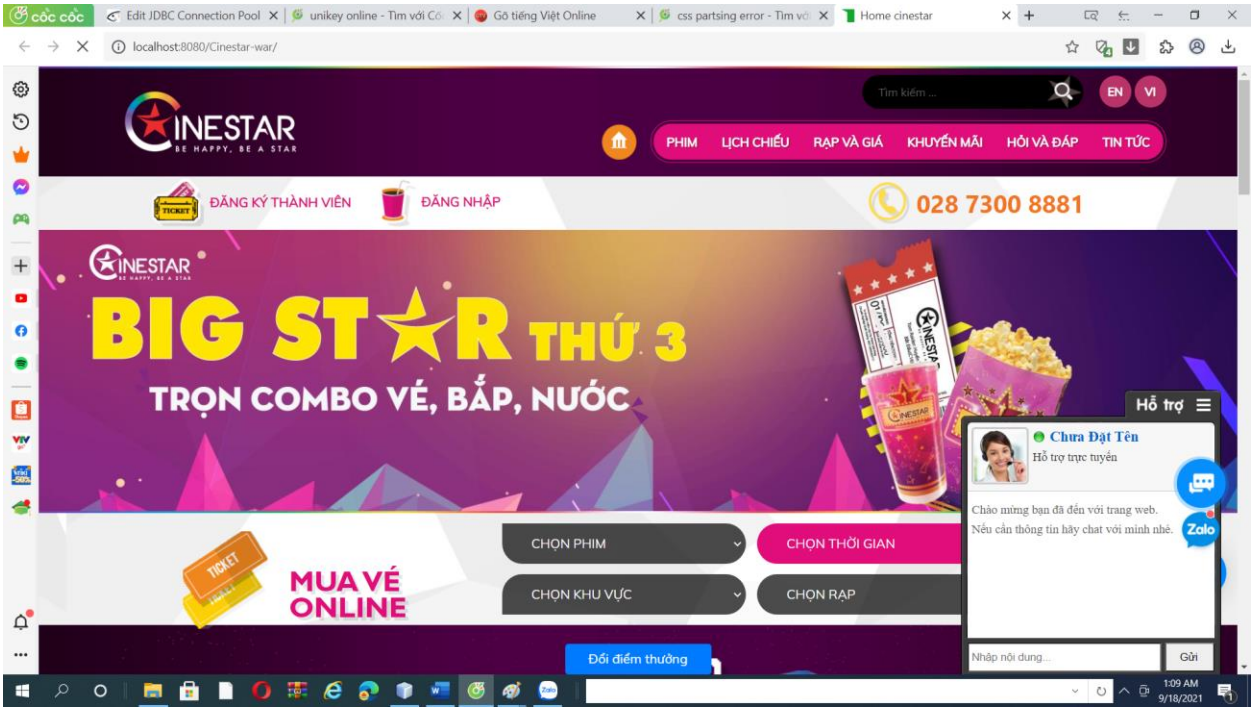



3.13 right click cinestar and then click run and PLEAE WAIT

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |




3.14 Success




3.15 if you got error Yourpath\Group3_cinestar\Cinestar\nbprojcet\build-impl.xml:208.

Please click second  blue line

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

```
D:\fileproject\project-hk4 - Copy\Cinestar\nbproject\build-impl.xml:208: The following error occurred while executing this line:
D:\fileproject\project-hk4 - Copy\Cinestar\Cinestar-war\nbproject\build-impl.xml:1006: D:\fpt-aptech\project-hk4\lib\barcode4j.jar does not exist.
BUILD FAILED (total time: 1 minute 25 seconds)
```

## 3.16 Remove copyfile from 1006 to 1027 and copyfile from1032 to 1053

```
1006        <copyfiles files="${file.reference.barcode4j.jar}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1007        <copyfiles files="${file.reference.commons-logging-1.2.jar}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1008        <copyfiles files="${file.reference.fluent-hc-4.5.5.jar-1}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1009        <copyfiles files="${file.reference.gson-2.8.2.jar-1}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1010        <copyfiles files="${file.reference.httpclient-4.5.5.jar-1}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1011        <copyfiles files="${file.reference.httpcore-4.4.9.jar}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1012        <copyfiles files="${file.reference.java-json.jar}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1013        <copyfiles files="${file.reference.qrgen-1.2.jar-1}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1014        <copyfiles files="${file.reference.restfb-2.3.0.jar-1}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1015        <copyfiles files="${file.reference.zxing-1.7-javase.jar-1}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1016        <copyfiles files="${file.reference.zxing-core-1.7.jar-1}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1017        <copyfiles files="${file.reference.barcode4j.jar-1}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1018        <copyfiles files="${file.reference.commons-logging-1.2.jar-1}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1019        <copyfiles files="${file.reference.fluent-hc-4.5.5.jar}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1020        <copyfiles files="${file.reference.gson-2.8.2.jar}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1021        <copyfiles files="${file.reference.httpclient-4.5.5.jar}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1022        <copyfiles files="${file.reference.httpcore-4.4.9.jar-1}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1023        <copyfiles files="${file.reference.java-json.jar-1}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1024        <copyfiles files="${file.reference.qrgen-1.2.jar}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1025        <copyfiles files="${file.reference.restfb-2.3.0.jar}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1026        <copyfiles files="${file.reference.zxing-1.7-javase.jar}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
1027        <copyfiles files="${file.reference.zxing-core-1.7.jar}" iftldtodir="${build.web.dir}/WEB-INF" todir="${dist.ear.dir}/lib"/>
```

```
1032        <copyfiles files="${file.reference.barcode4j.jar}" todir="${build.web.dir}/WEB-INF/lib"/>
1033        <copyfiles files="${file.reference.commons-logging-1.2.jar}" todir="${build.web.dir}/WEB-INF/lib"/>
1034        <copyfiles files="${file.reference.fluent-hc-4.5.5.jar-1}" todir="${build.web.dir}/WEB-INF/lib"/>
1035        <copyfiles files="${file.reference.gson-2.8.2.jar-1}" todir="${build.web.dir}/WEB-INF/lib"/>
1036        <copyfiles files="${file.reference.httpclient-4.5.5.jar-1}" todir="${build.web.dir}/WEB-INF/lib"/>
1037        <copyfiles files="${file.reference.httpcore-4.4.9.jar}" todir="${build.web.dir}/WEB-INF/lib"/>
1038        <copyfiles files="${file.reference.java-json.jar}" todir="${build.web.dir}/WEB-INF/lib"/>
1039        <copyfiles files="${file.reference.qrgen-1.2.jar-1}" todir="${build.web.dir}/WEB-INF/lib"/>
1040        <copyfiles files="${file.reference.restfb-2.3.0.jar-1}" todir="${build.web.dir}/WEB-INF/lib"/>
1041        <copyfiles files="${file.reference.zxing-1.7-javase.jar-1}" todir="${build.web.dir}/WEB-INF/lib"/>
1042        <copyfiles files="${file.reference.zxing-core-1.7.jar-1}" todir="${build.web.dir}/WEB-INF/lib"/>
1043        <copyfiles files="${file.reference.barcode4j.jar-1}" todir="${build.web.dir}/WEB-INF/lib"/>
1044        <copyfiles files="${file.reference.commons-logging-1.2.jar-1}" todir="${build.web.dir}/WEB-INF/lib"/>
1045        <copyfiles files="${file.reference.fluent-hc-4.5.5.jar}" todir="${build.web.dir}/WEB-INF/lib"/>
1046        <copyfiles files="${file.reference.gson-2.8.2.jar}" todir="${build.web.dir}/WEB-INF/lib"/>
1047        <copyfiles files="${file.reference.httpclient-4.5.5.jar}" todir="${build.web.dir}/WEB-INF/lib"/>
1048        <copyfiles files="${file.reference.httpcore-4.4.9.jar-1}" todir="${build.web.dir}/WEB-INF/lib"/>
1049        <copyfiles files="${file.reference.java-json.jar-1}" todir="${build.web.dir}/WEB-INF/lib"/>
1050        <copyfiles files="${file.reference.qrgen-1.2.jar}" todir="${build.web.dir}/WEB-INF/lib"/>
1051        <copyfiles files="${file.reference.restfb-2.3.0.jar}" todir="${build.web.dir}/WEB-INF/lib"/>
1052        <copyfiles files="${file.reference.zxing-1.7-javase.jar}" todir="${build.web.dir}/WEB-INF/lib"/>
1053        <copyfiles files="${file.reference.zxing-core-1.7.jar}" todir="${build.web.dir}/WEB-INF/lib"/>
```

## 3.17 Save(Ctrl+s) and run again

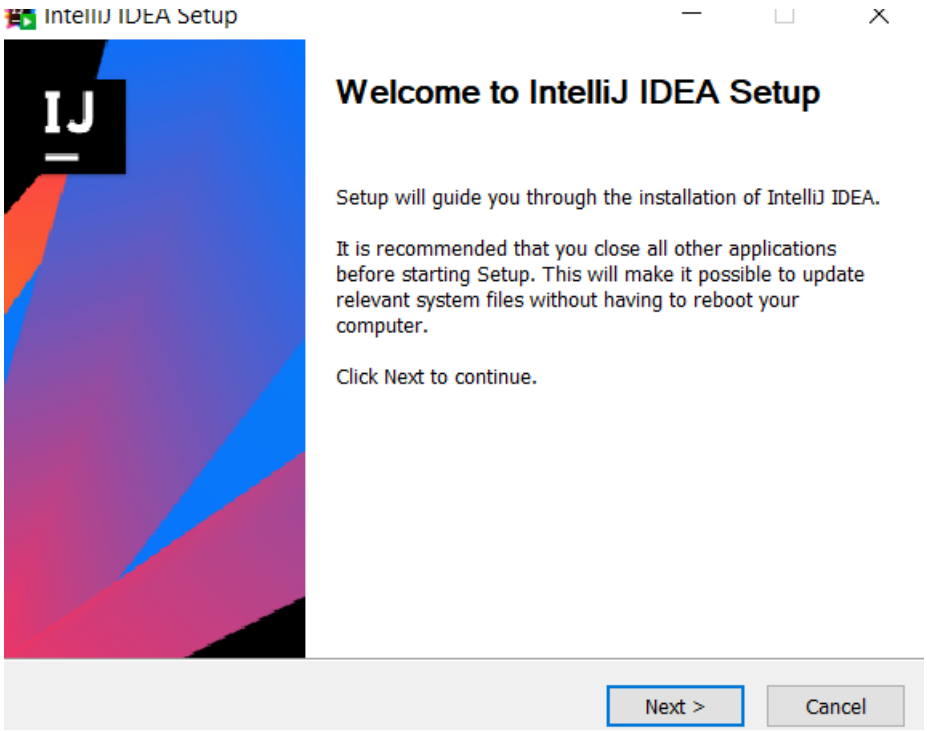
# ANDROID

## Step 1 Install and run sever(api spring boot)

1.1 Downlod intellij at https://www.jetbrains.com/idea/download/. Choose download **Ultimate**

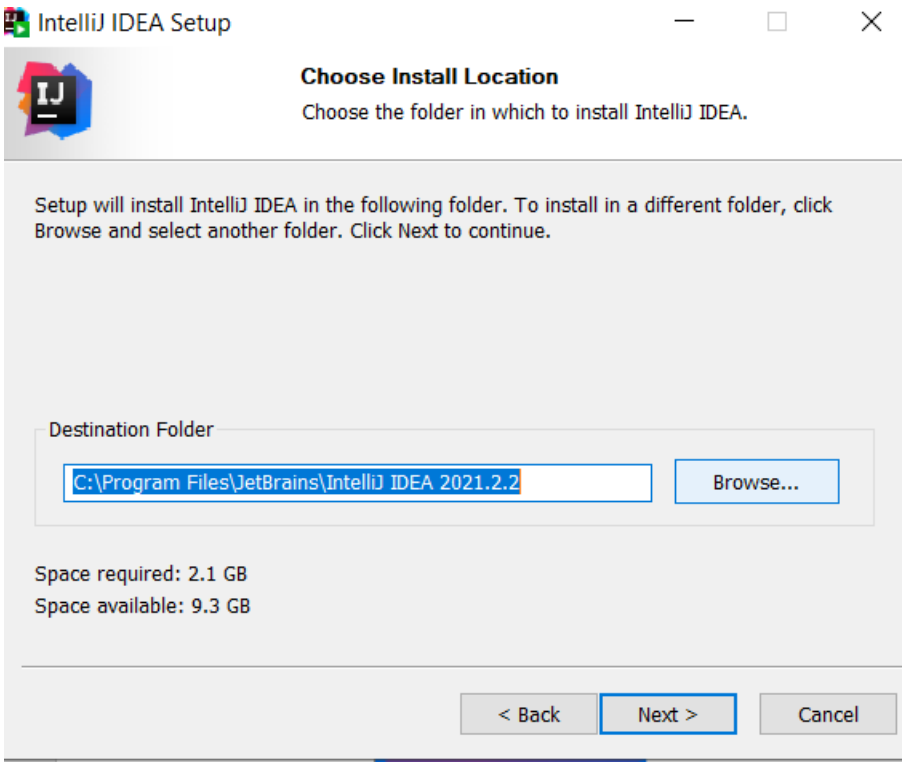
1.2 Run ideaIU

1.3 Click next



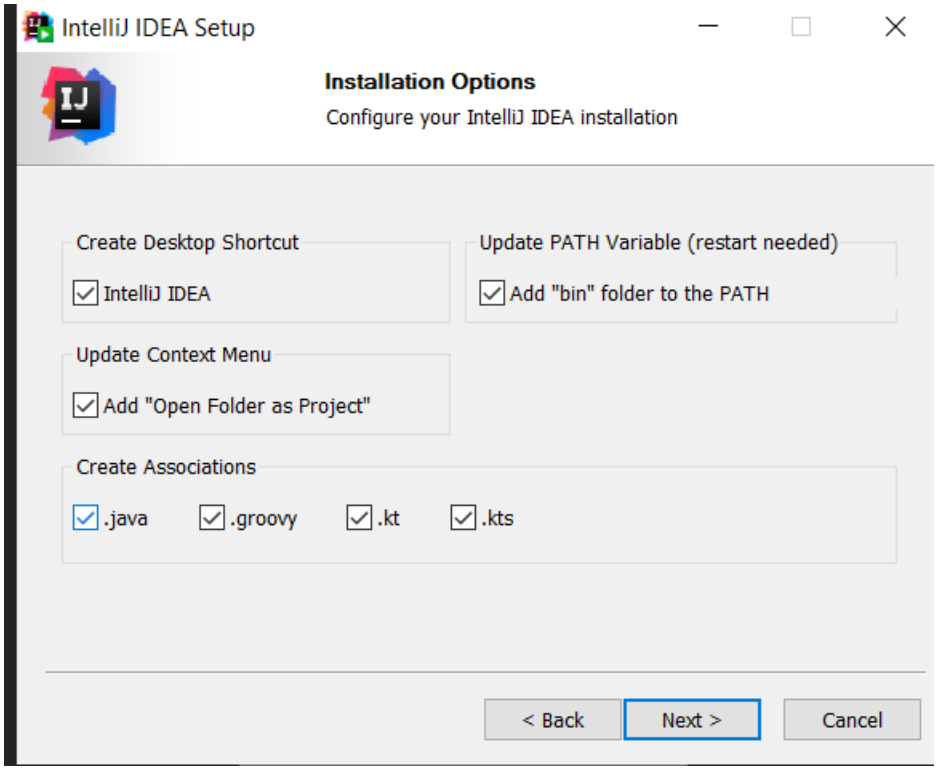

1.4 Click Browse to choose location install and click next

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |



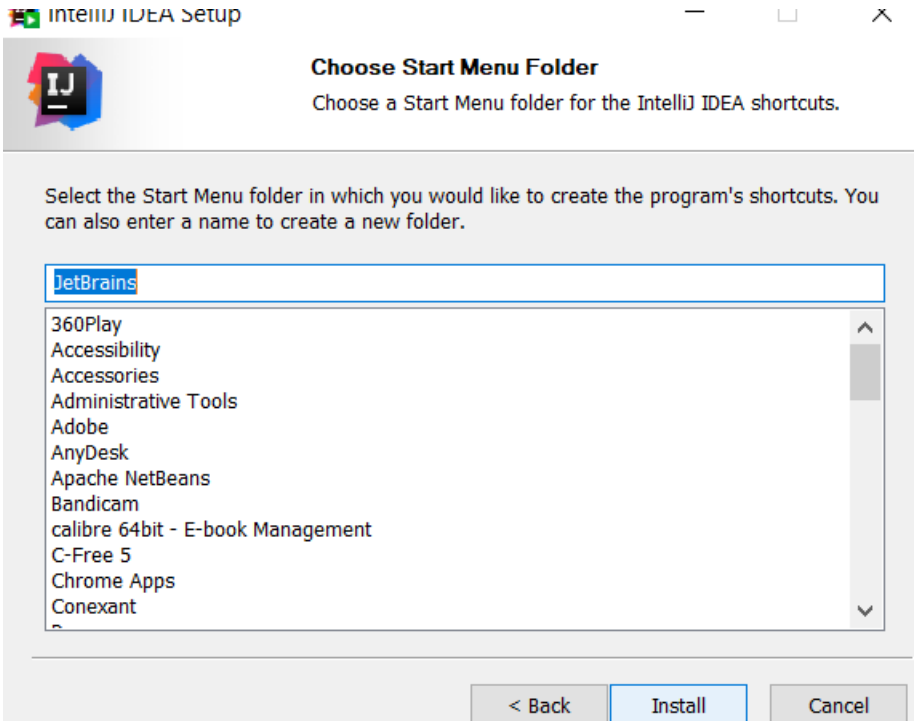

1.5 Choose all  and click next

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |




1.6 Click install and PLEASE WAIT

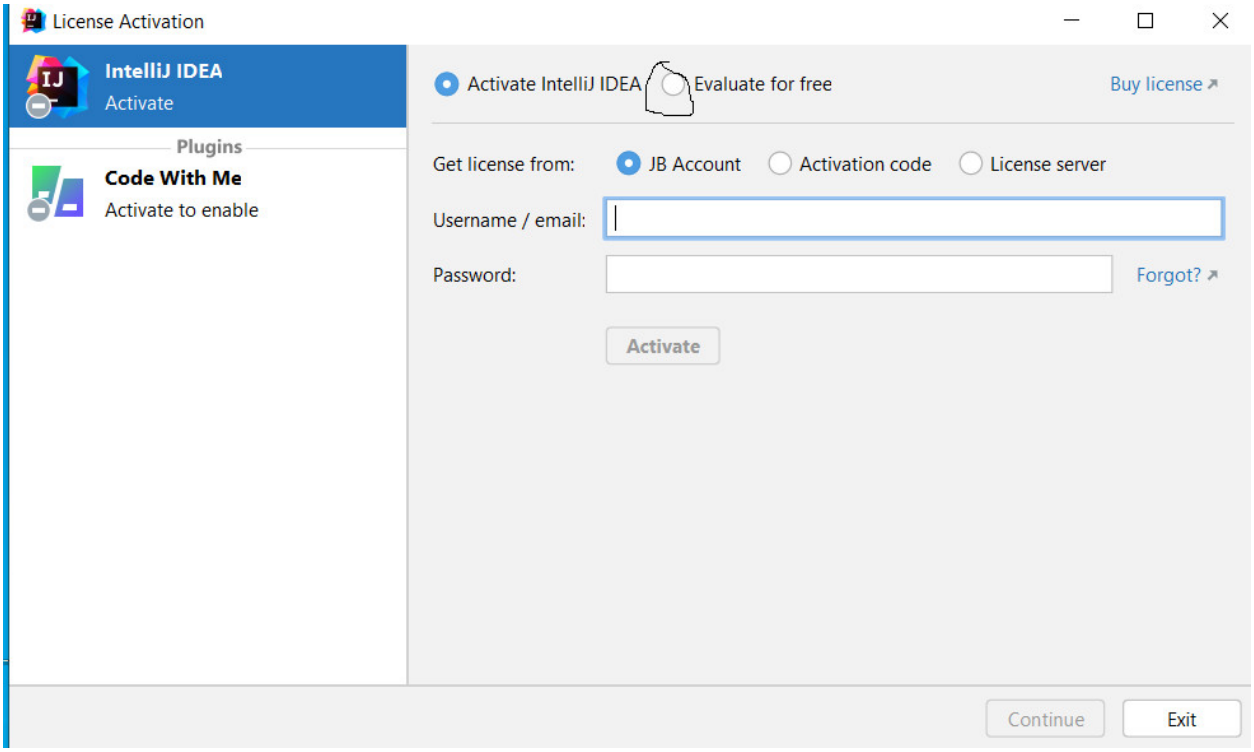
| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |




1.7 Run INtellij

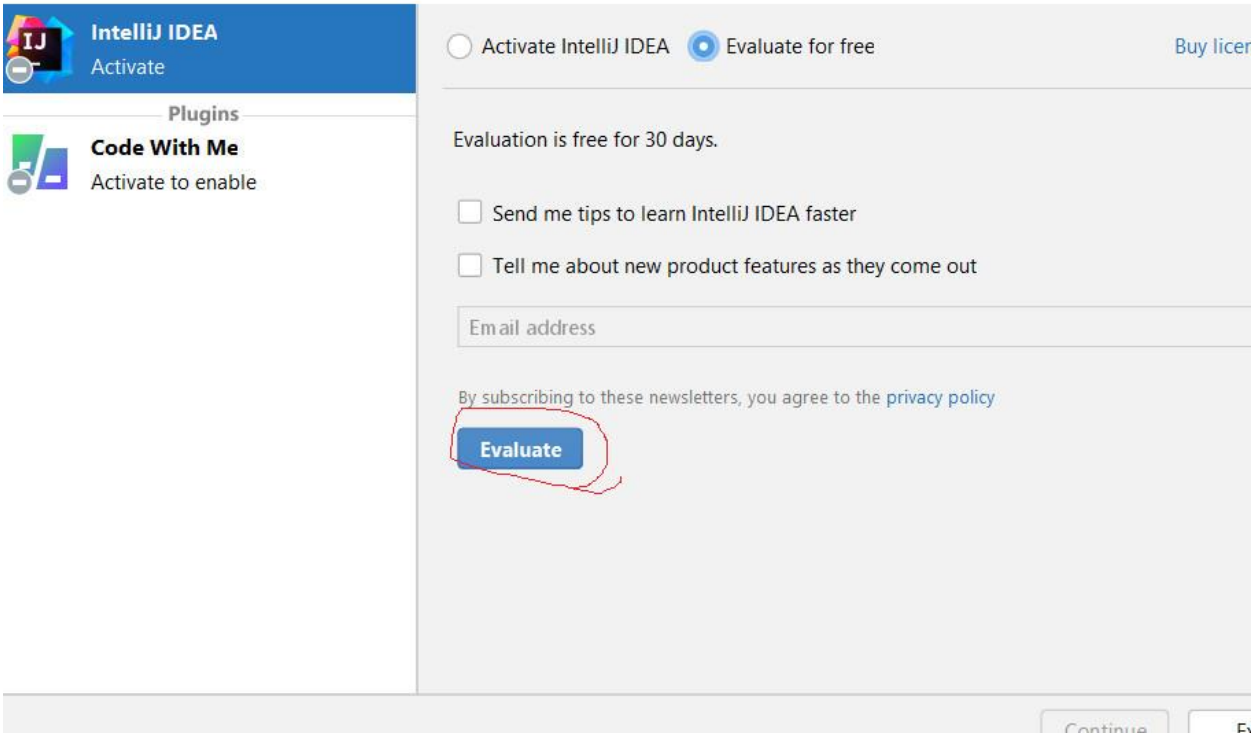
| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

1.8 Click circle next evaluate for free



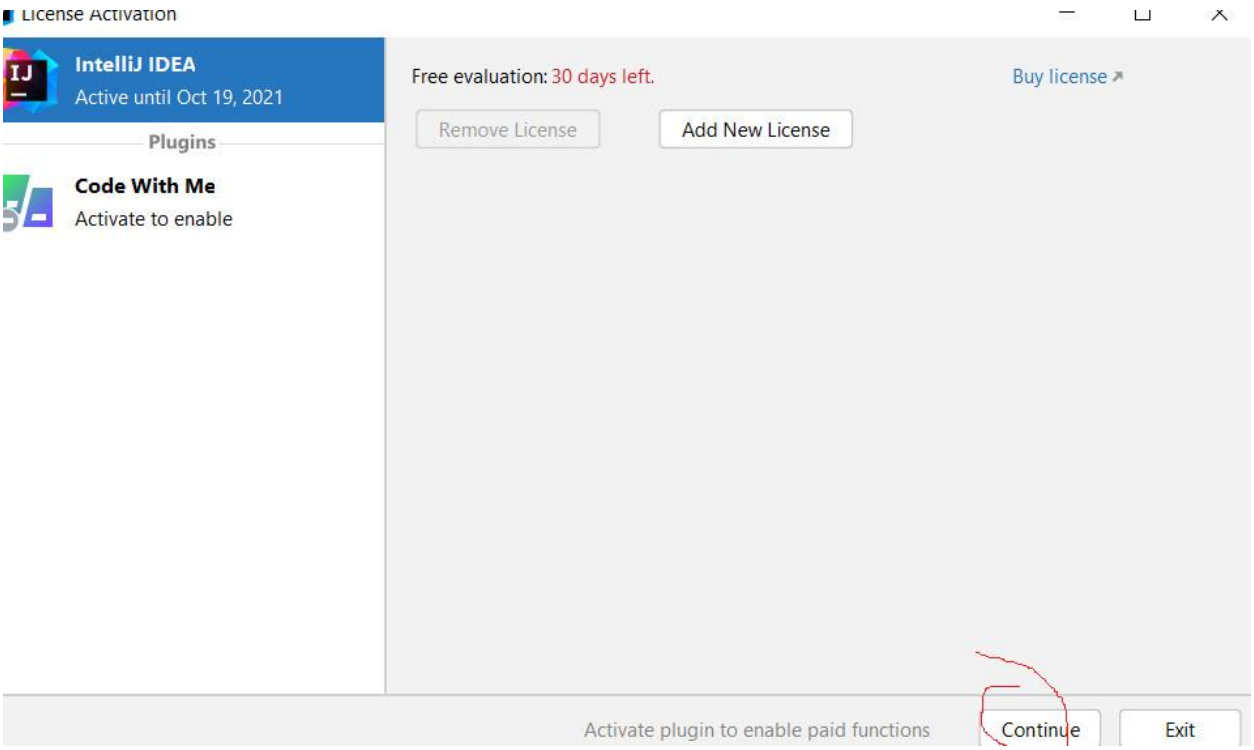

1.9 Click Evalute

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

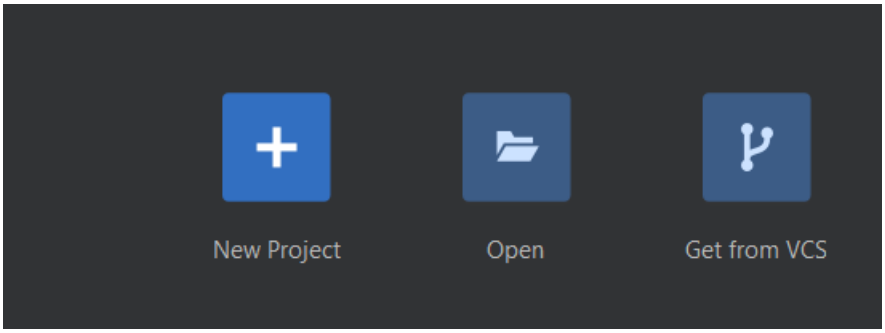



| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

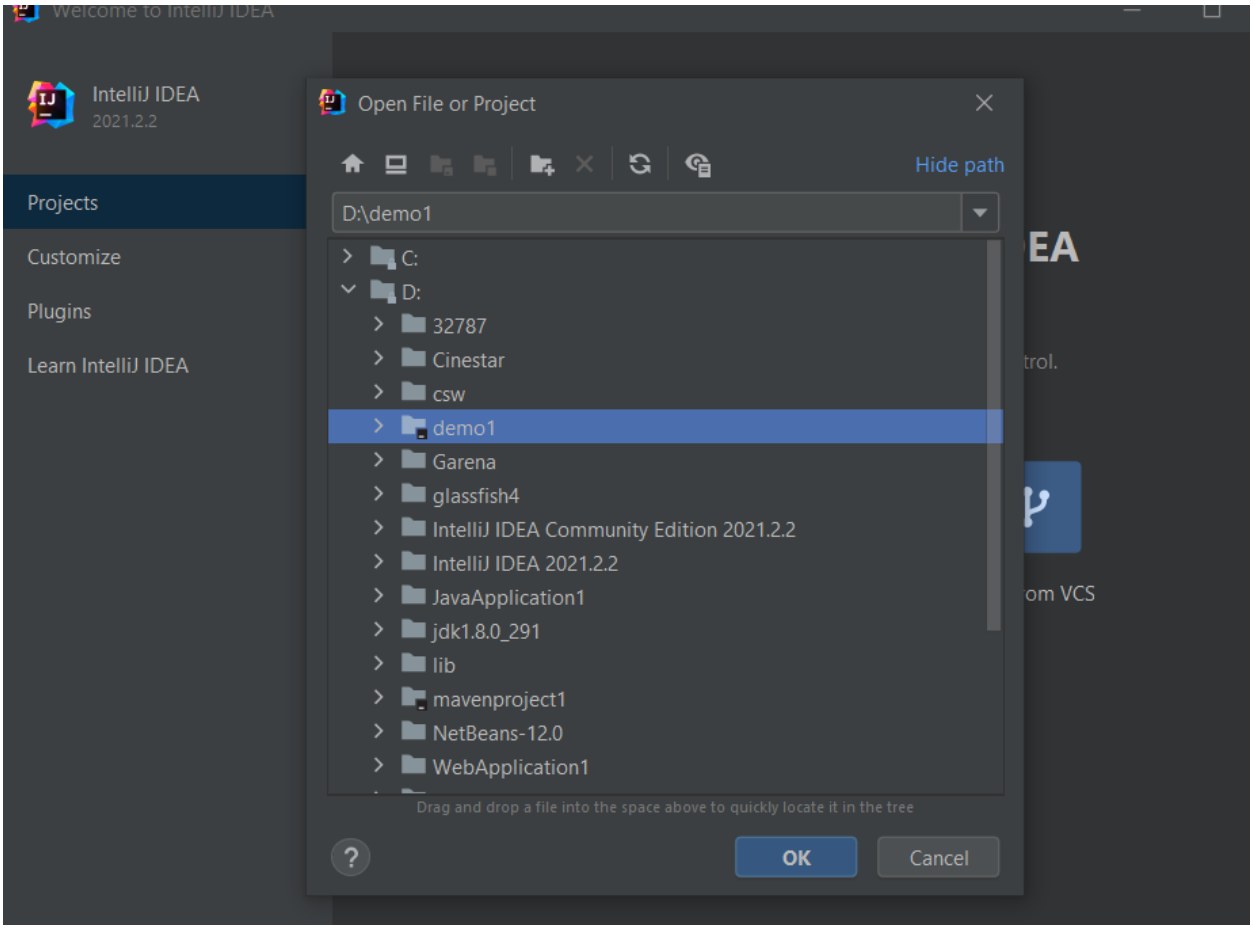
1.10 Click continue and run  intellij idea again(1.7)




1.11 Click open

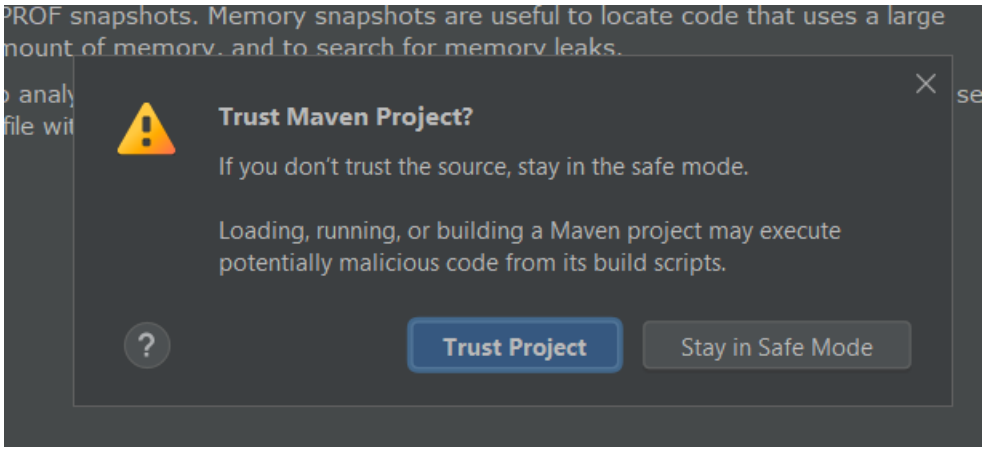


1.12 Unzip demo1(Inside folder Soucode inside folder Group3_Cinestar). Find location demo1 and click ok

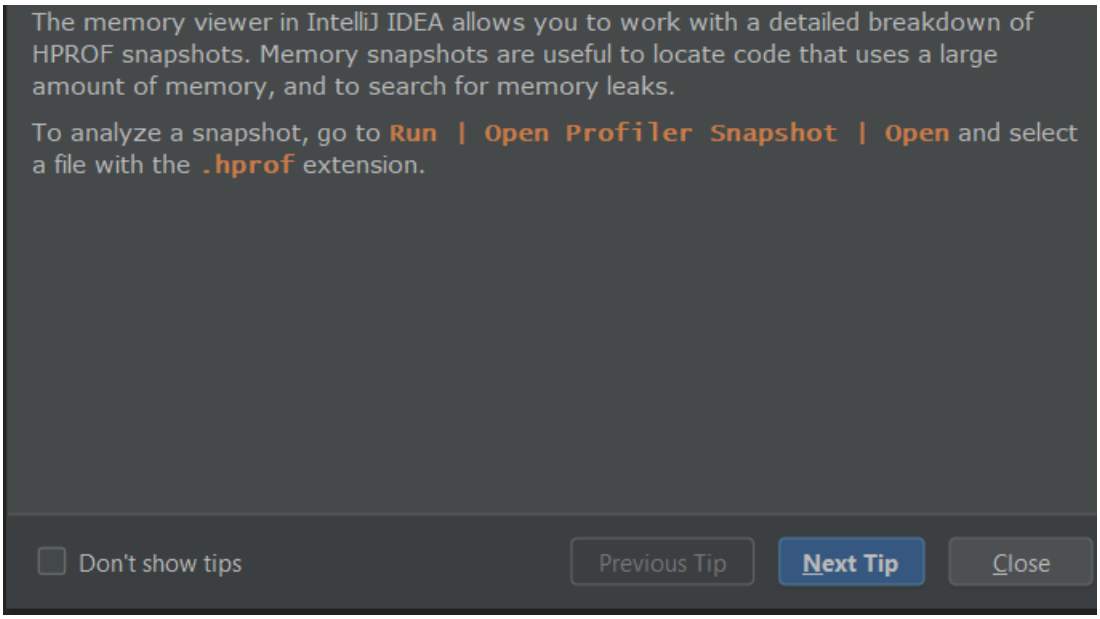



1.13 Please wait to load.Then, click trust project

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

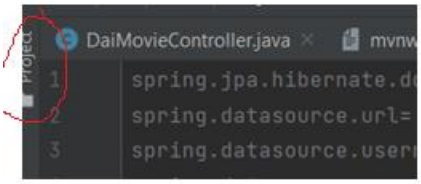



1.14 Click close

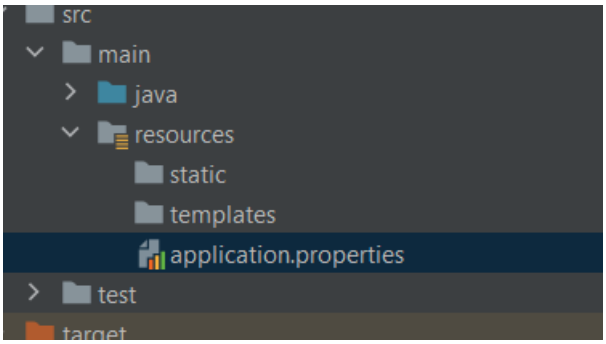



1.15 Click project left panel

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |



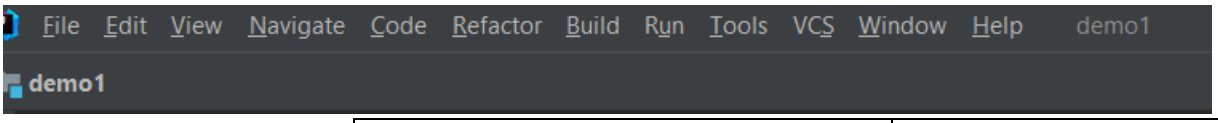

1.16 Double click demo1->double click src->double click resources->double click application.properties



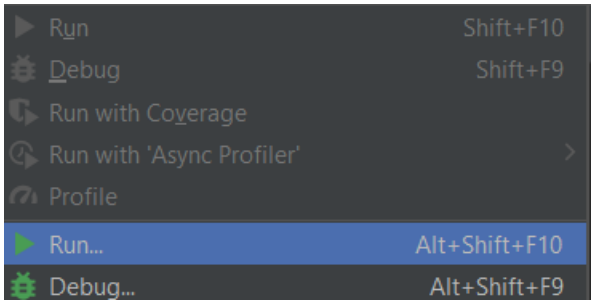

1.17 Change username and password your connect database

```
spring.jpa.hibernate.ddl-auto=none
spring.datasource.url= jdbc:sqlserver://localhost;databaseName=CinestarDatabase
spring.datasource.username=sa
spring.datasource.password=123
spring.datasource.driver-class-name=com.microsoft.sqlserver.jdbc.SQLServerDriver
spring.jpa.show-sql=true
server.port=8081
```

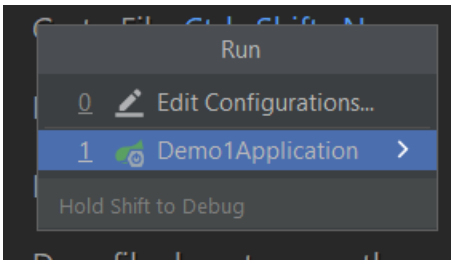
1.18 Click run at top toolbar



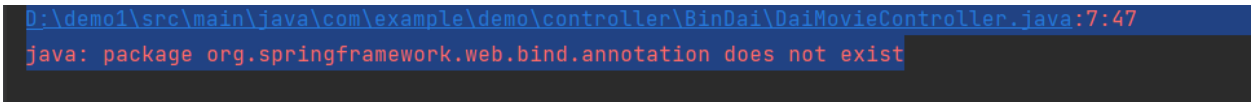
1.19 Click run




1.20 Choose Demo1Application and click




1.21 If have error below,please wait 5-10 minutes and  then run again




1.22  Start success. It still have error,please continue wait 5-10 minues and run again.

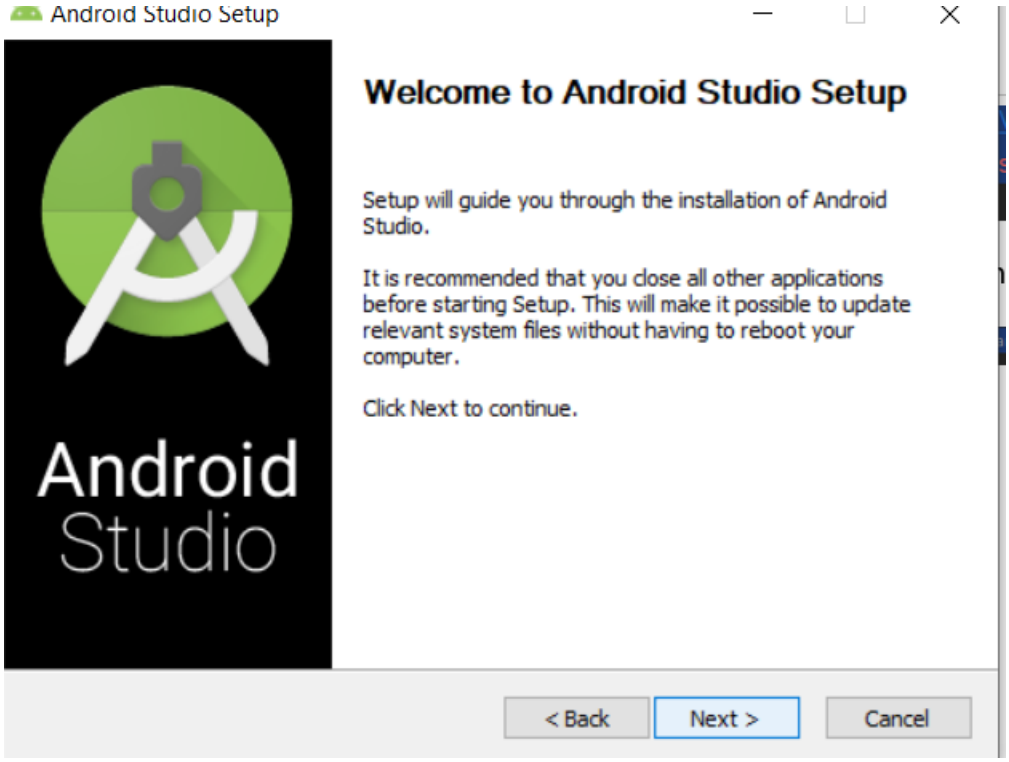
## Step 2 Install android studio and run project

**You must run sever before launch app**

2.1 Run android-studio-ide-202.7486908-windows.exe

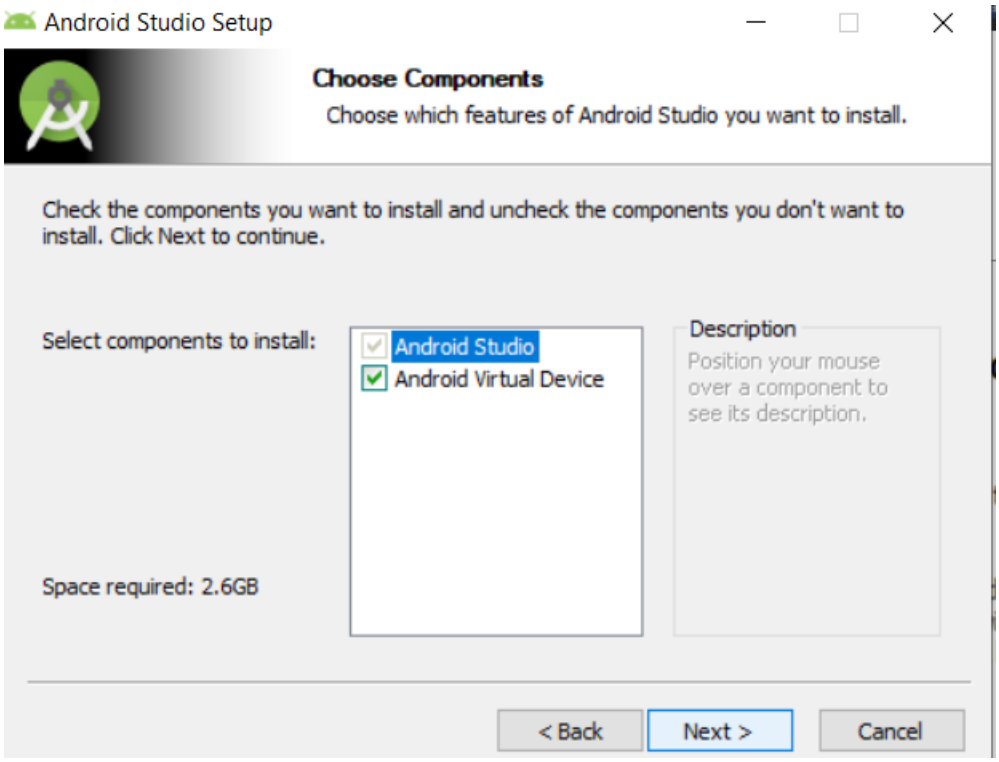
| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

2.2 Click next



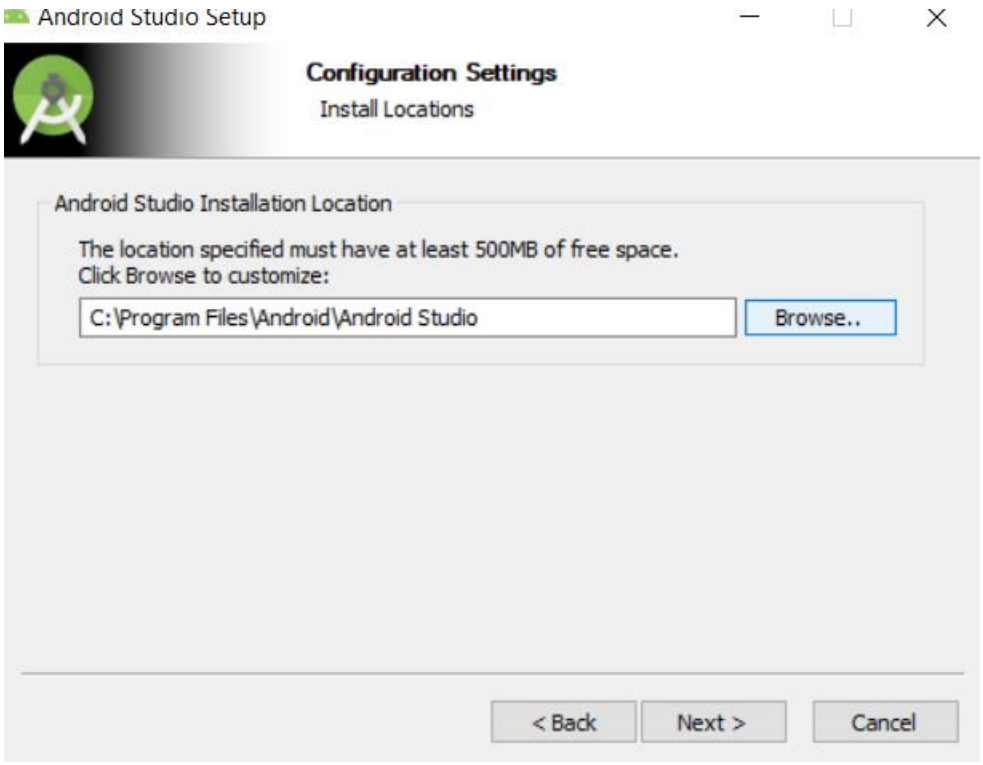

2.3 Click next

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |



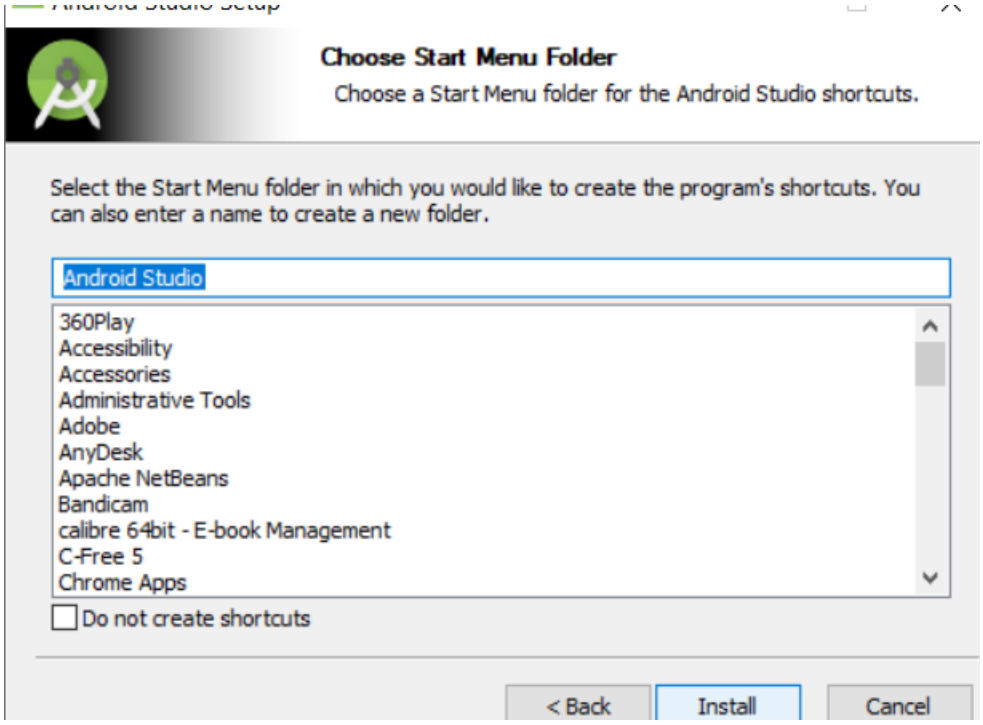

2.4 Click Brose.. to location install and click next

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

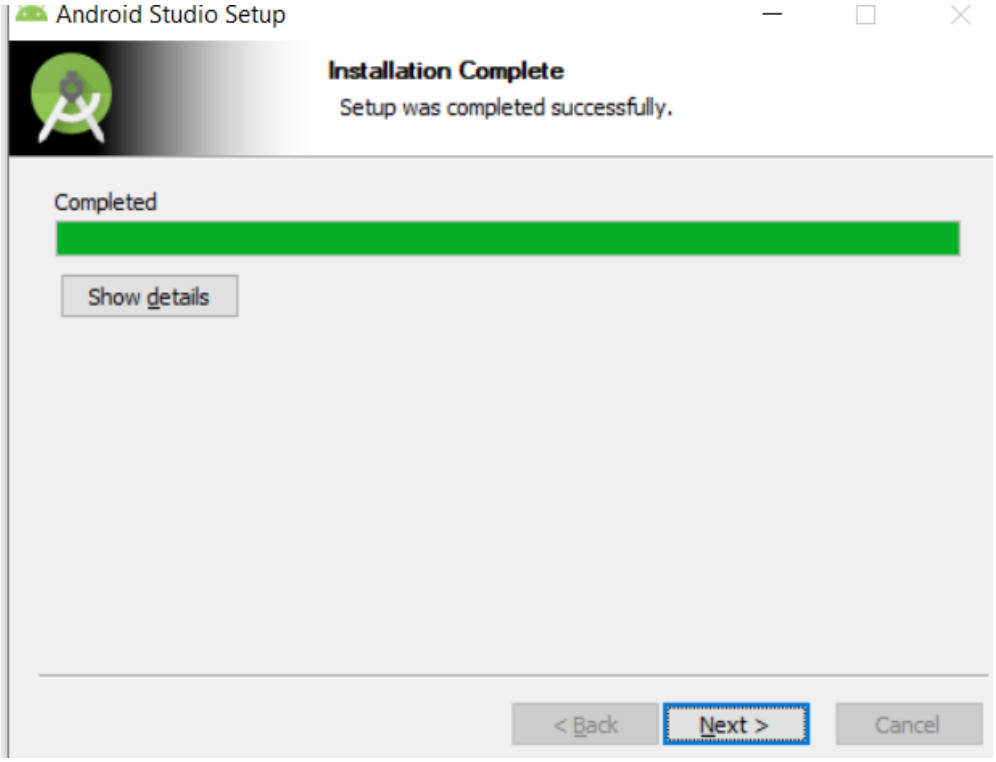



2.5 Click install

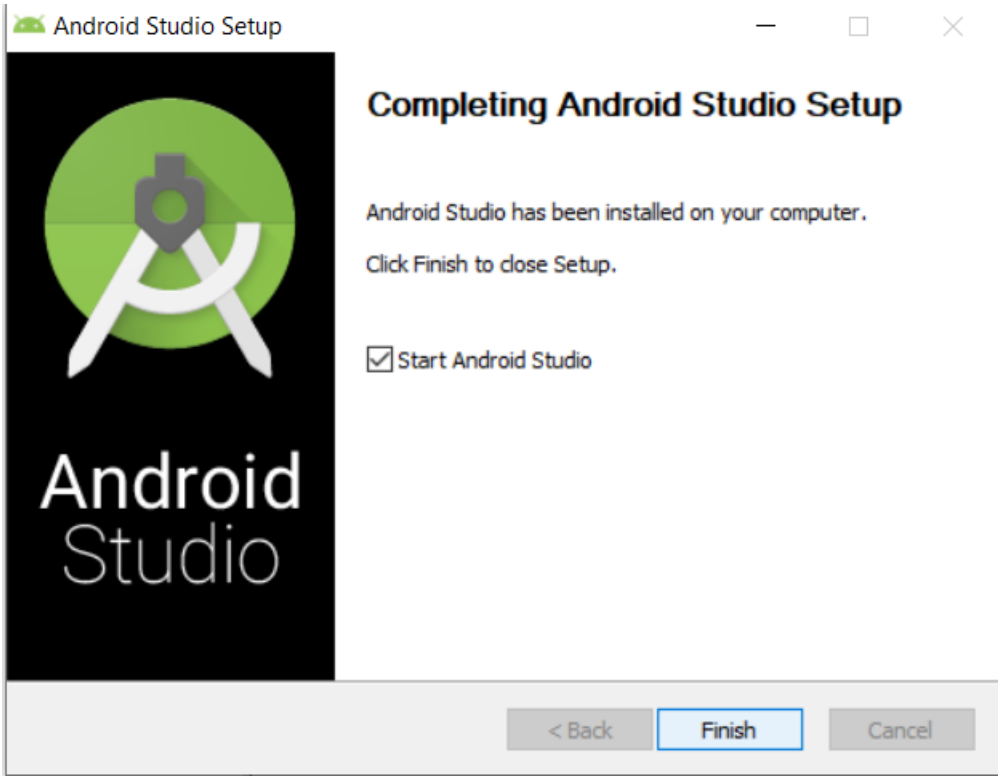
| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |




2.6 Click next

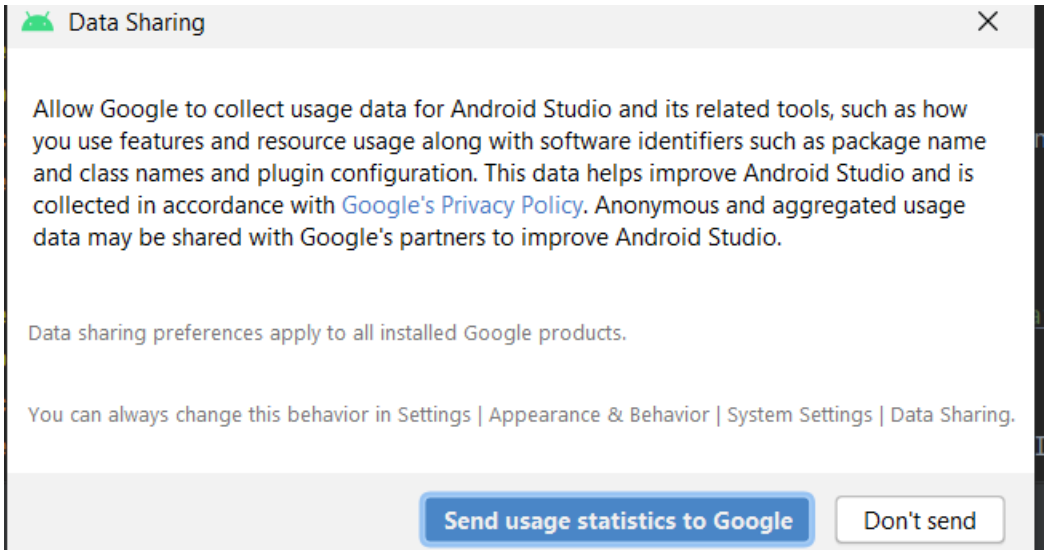



2.7 Click finish

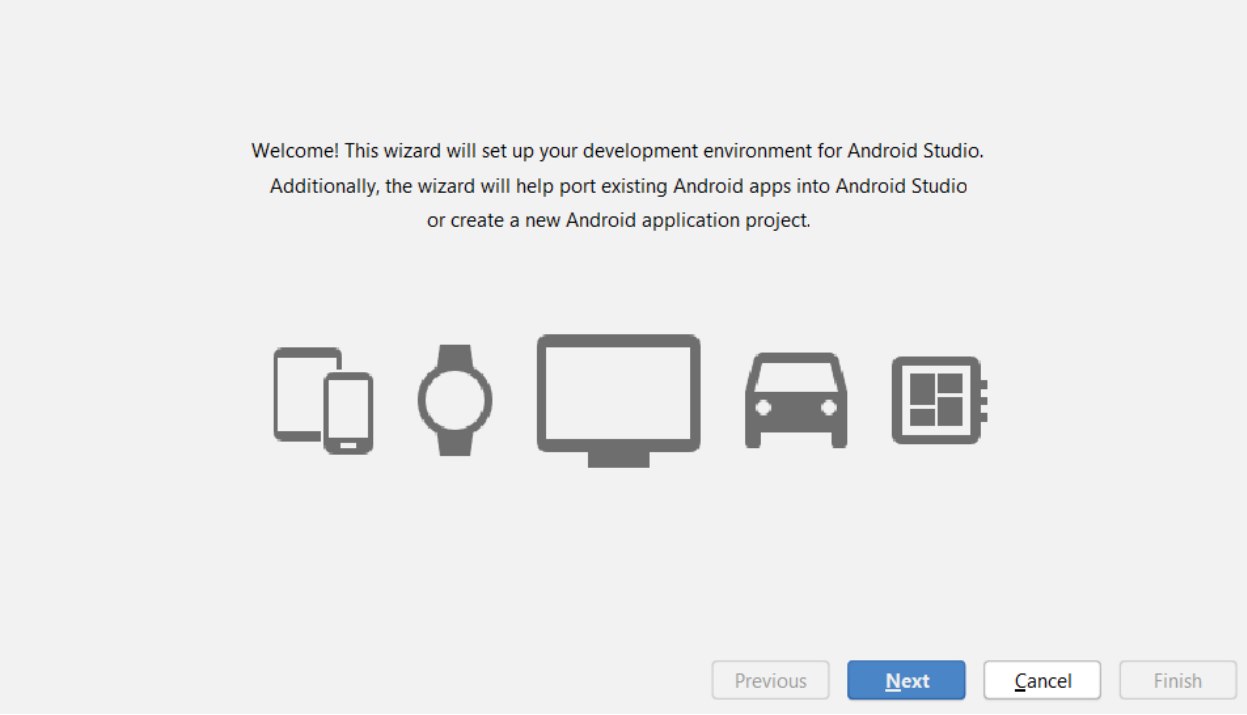



2.8 Click don’t import setting(if dialog show)

2.9 Click don’t send

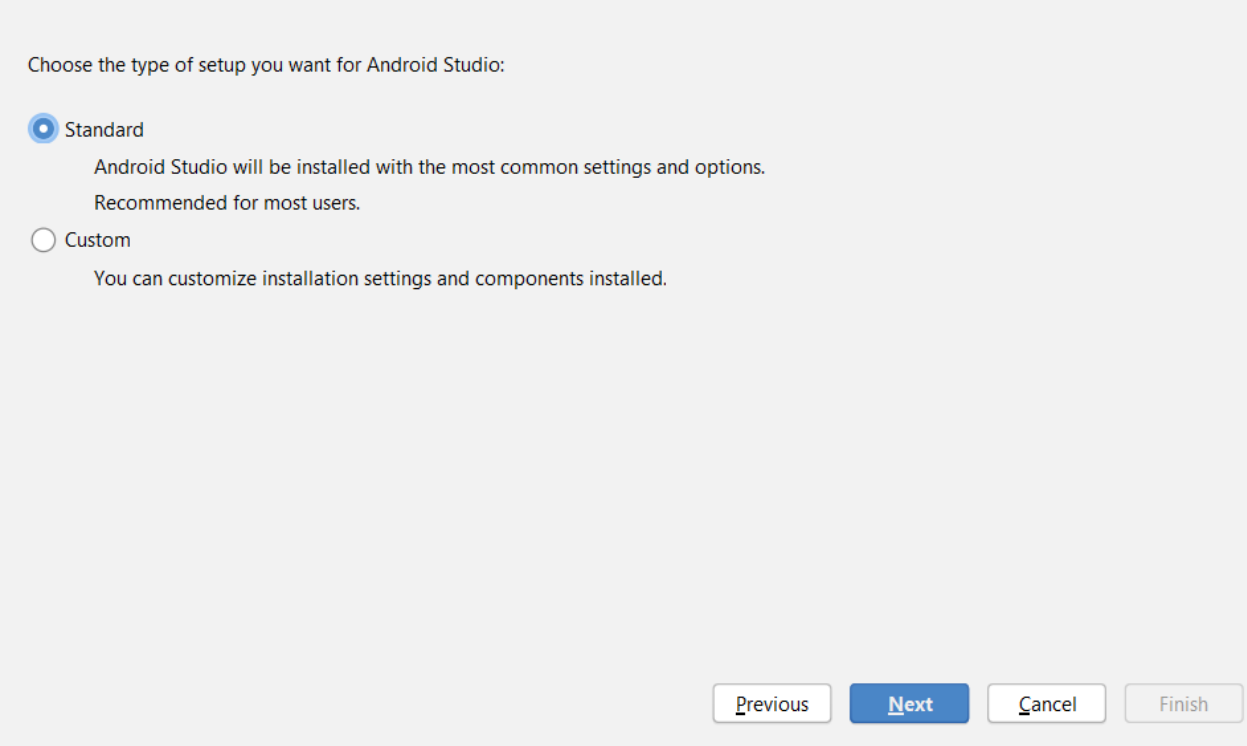



2.10 Click next

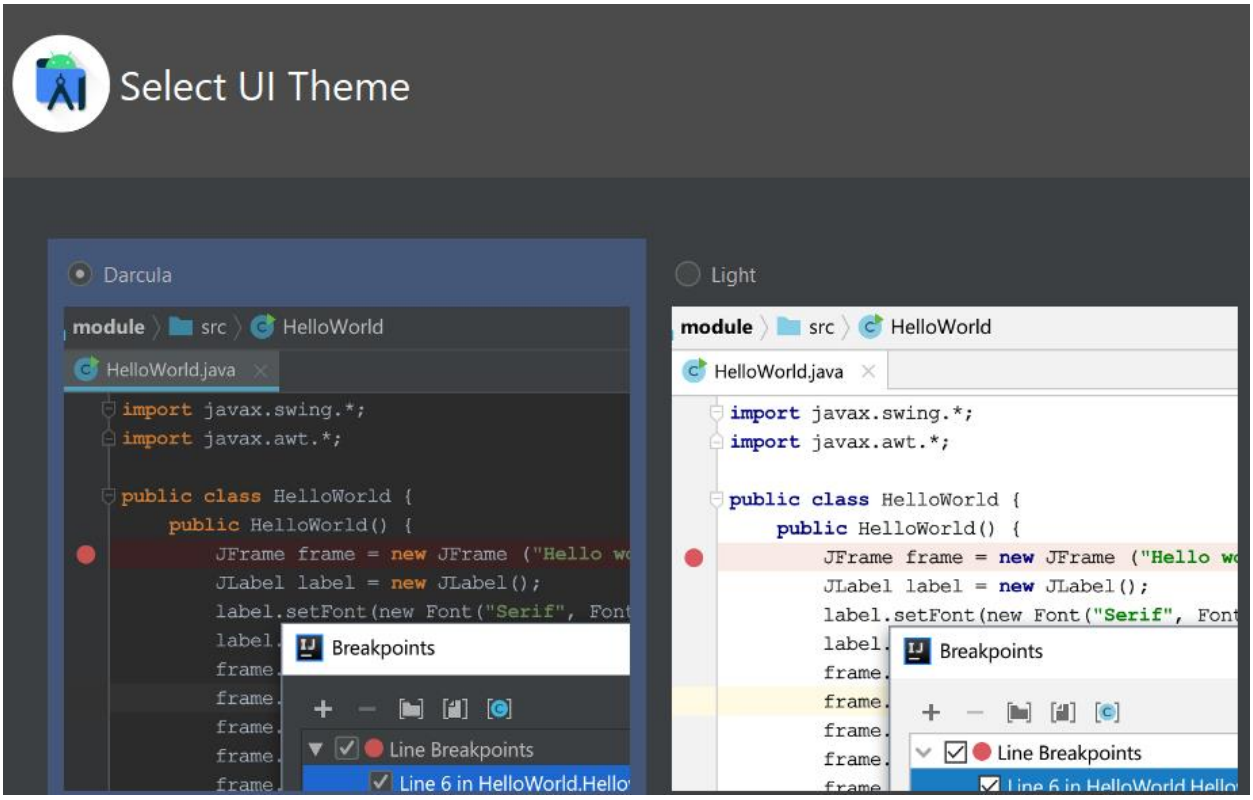



| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

2.11 Click next

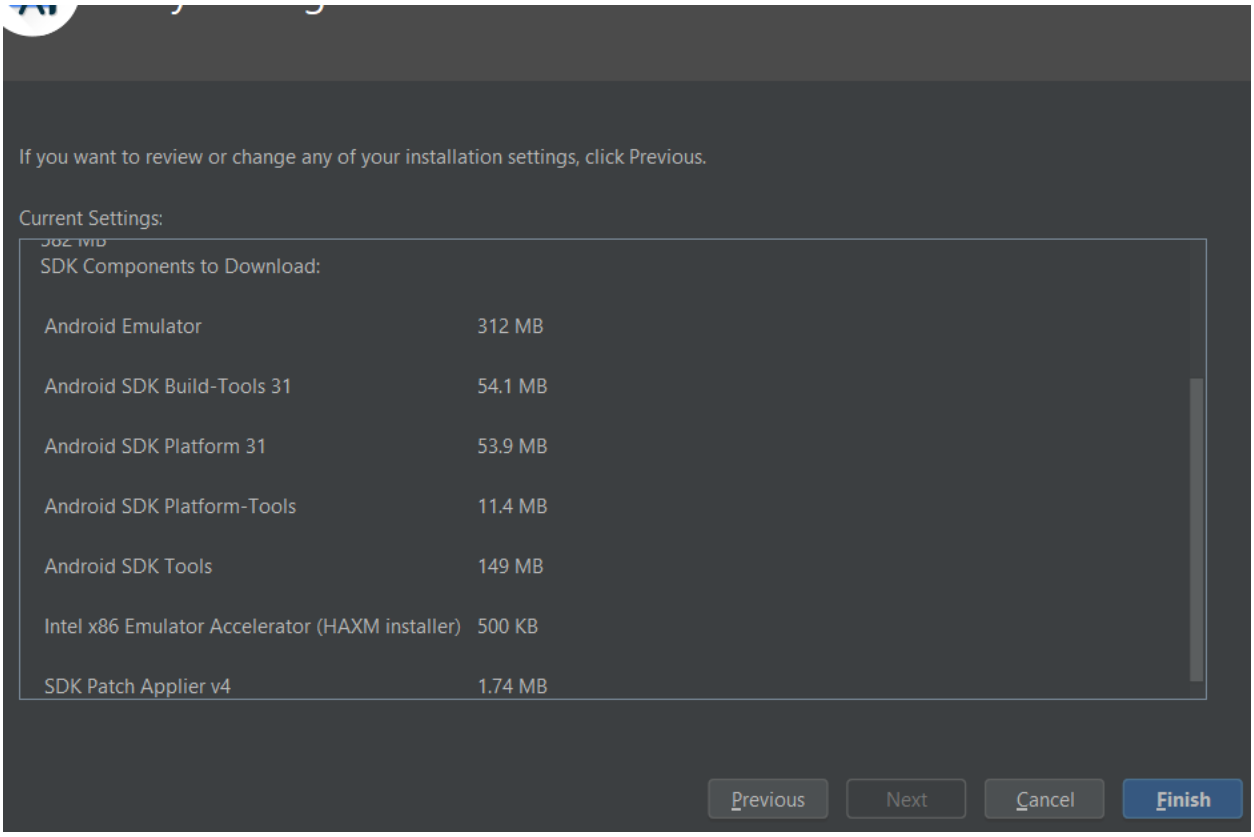



2.12 Choose Darcula or light and click next

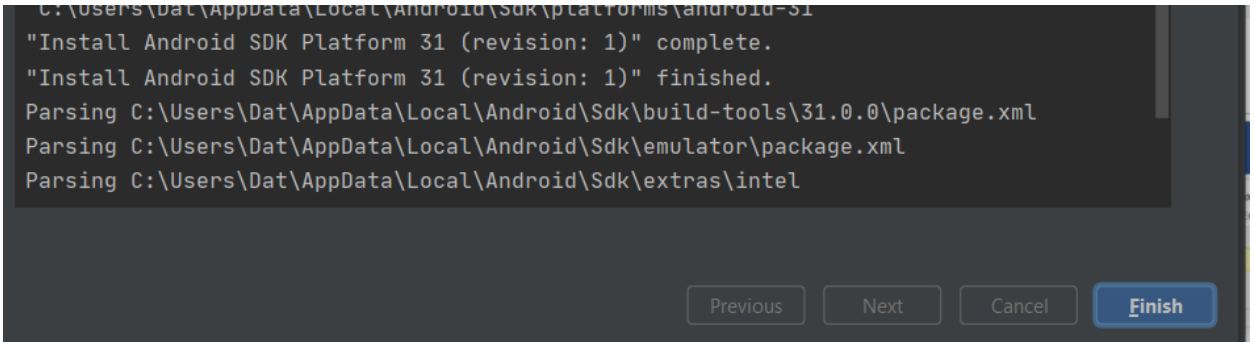



2.13 Click finish

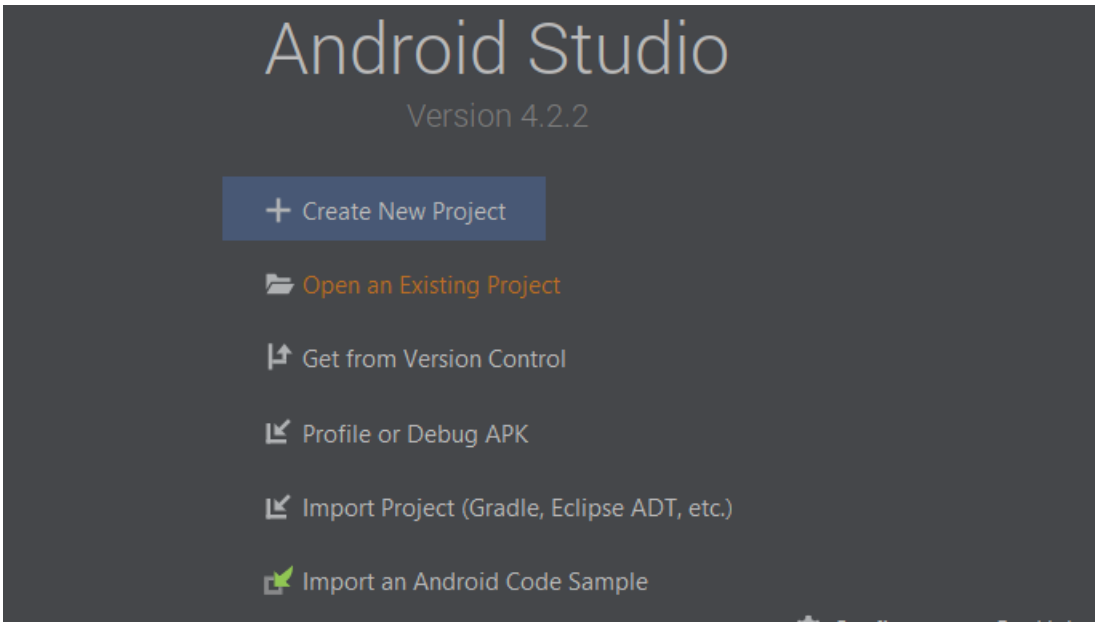
| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |



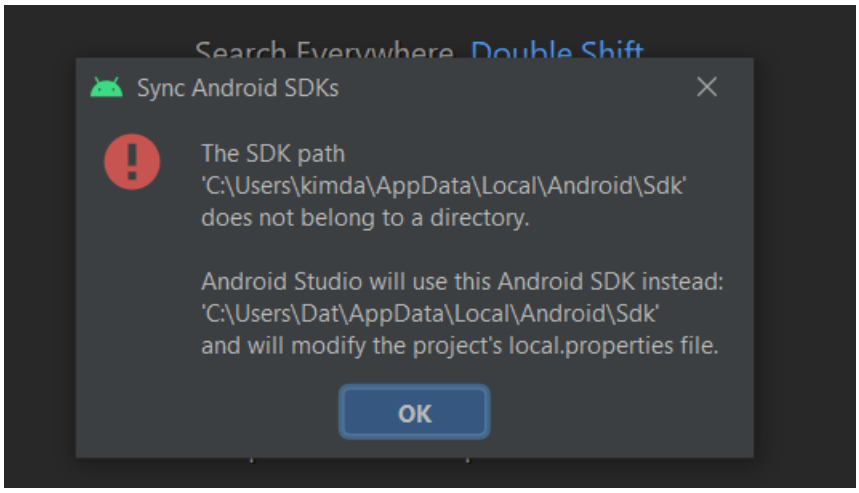

2.14 Please wait and then click finish




2.15 Uzinp myapplication3(inside folder Sourcode inside folder Group_Cinestar). Click open an existing project and Open myapplication 3

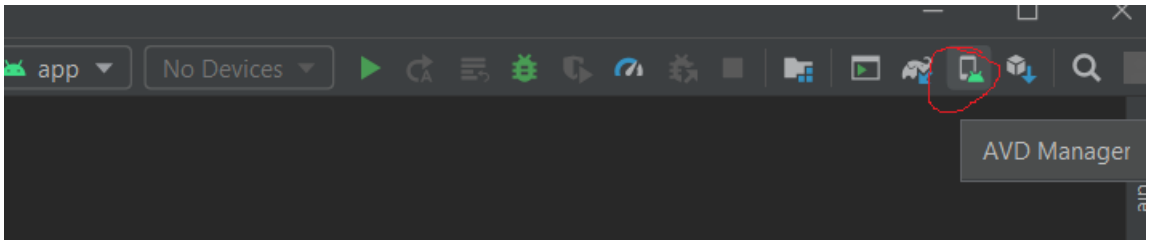



2.16 Click ok

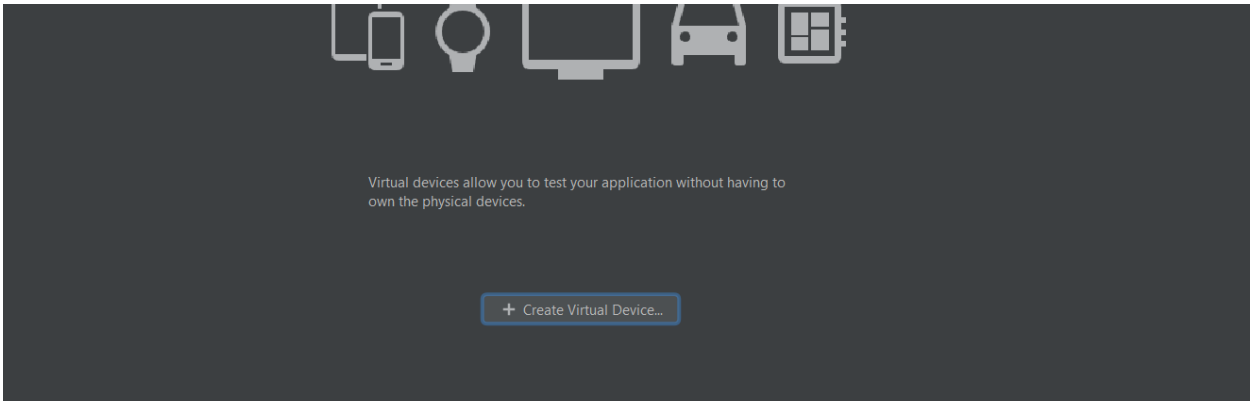



2.17 Click AVD Manater at top right

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

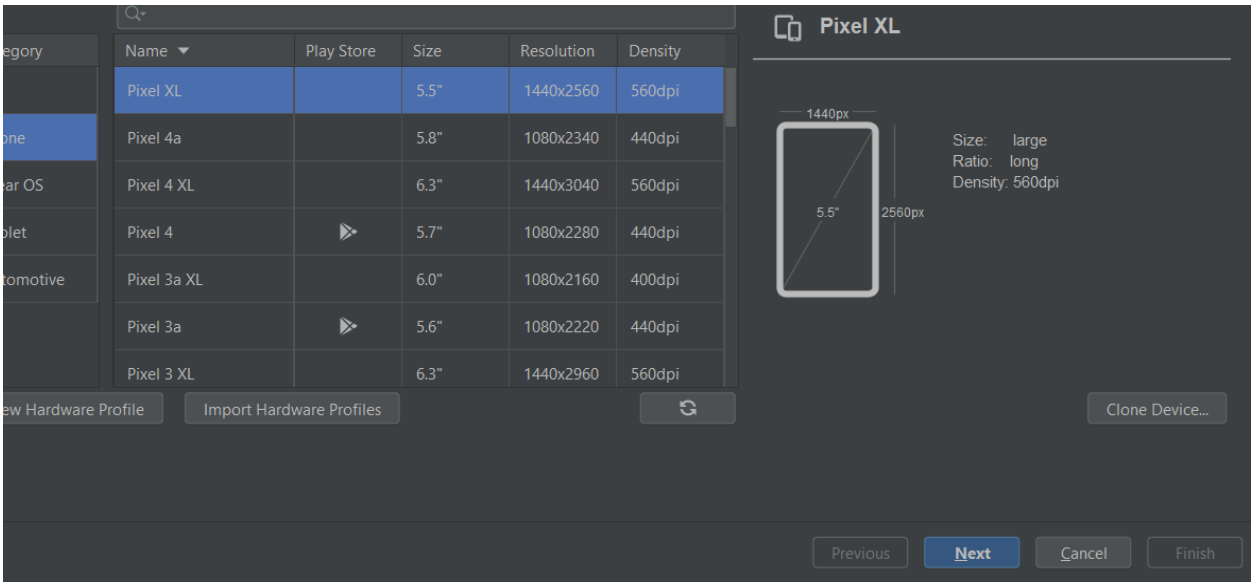



2.18 Click  create virtual device



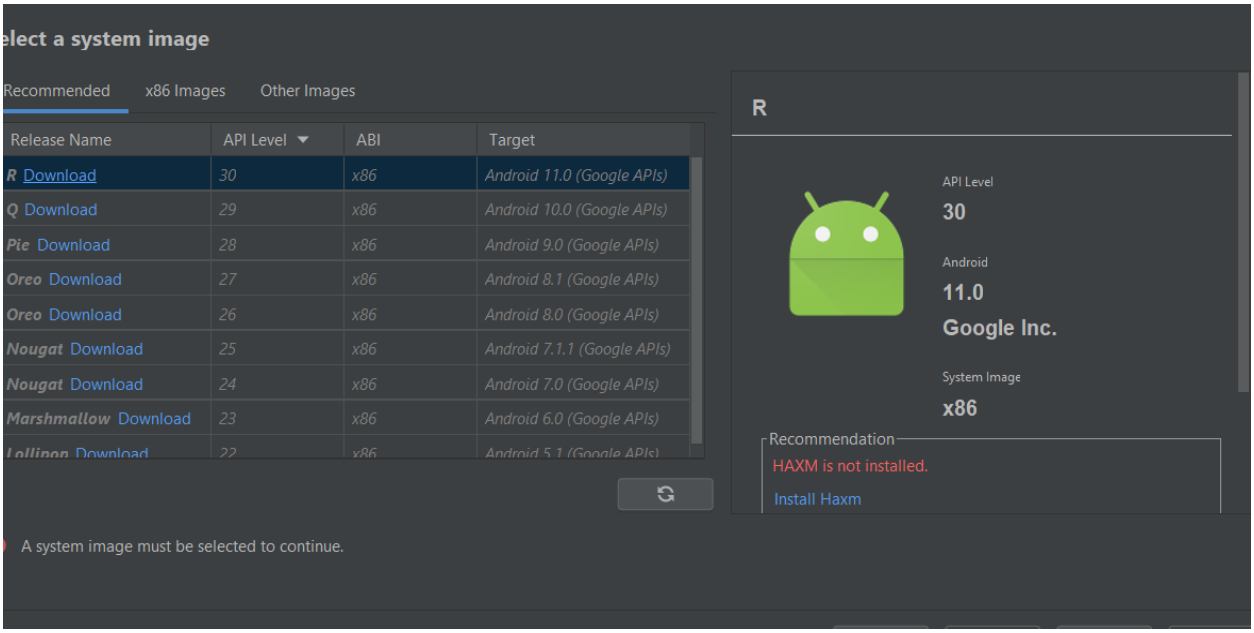

2.19 Choose emulator and click next

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |



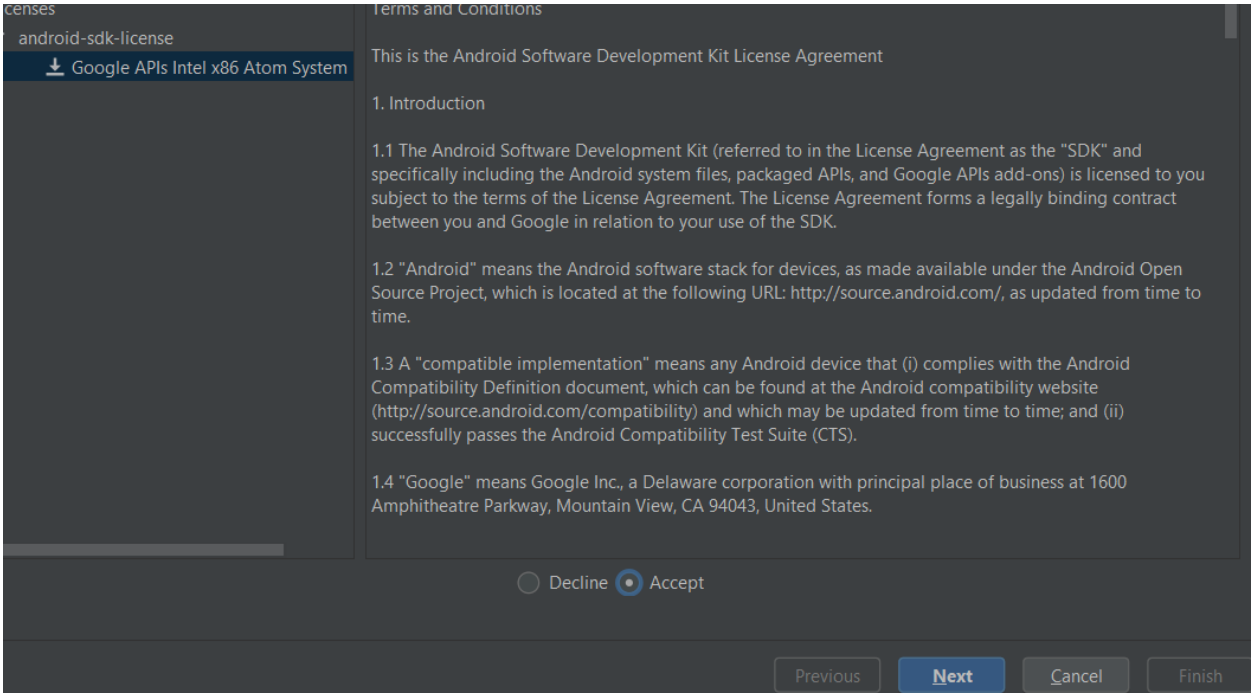

2.20

a.Choose api level(download if need) and click next




| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

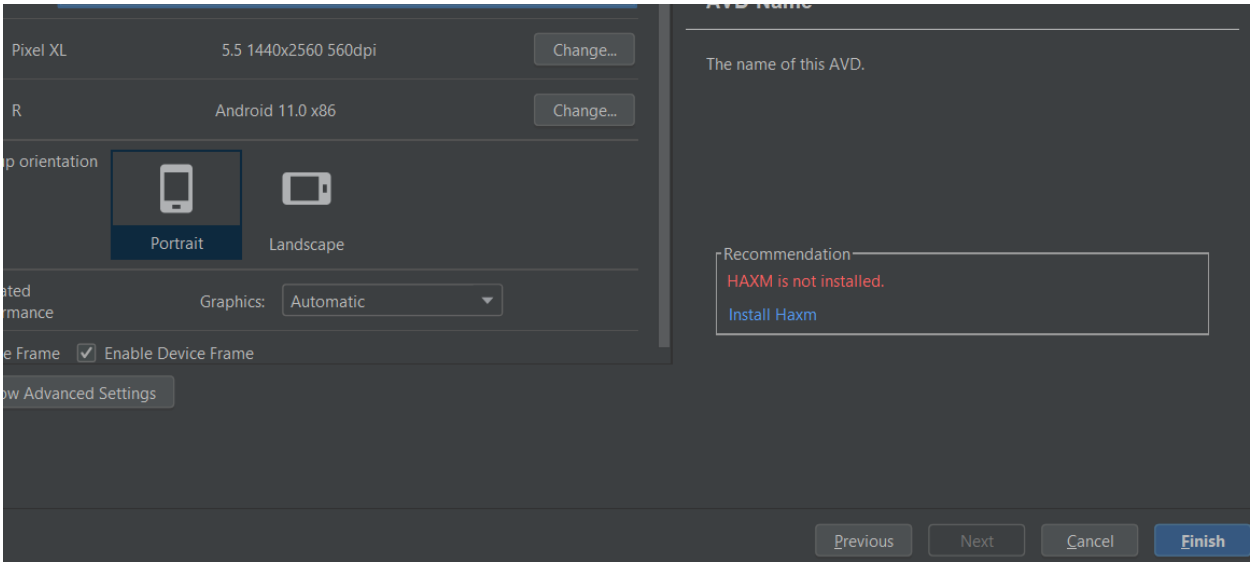
b. When dowload, choose accept and then next



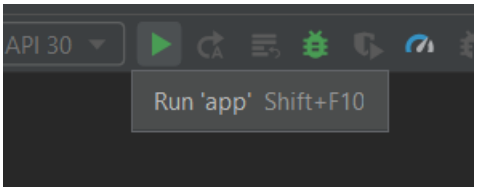

c. When download completed, click finish

2.21 Click finish

2.




2.22 Click runapp at top toolbar



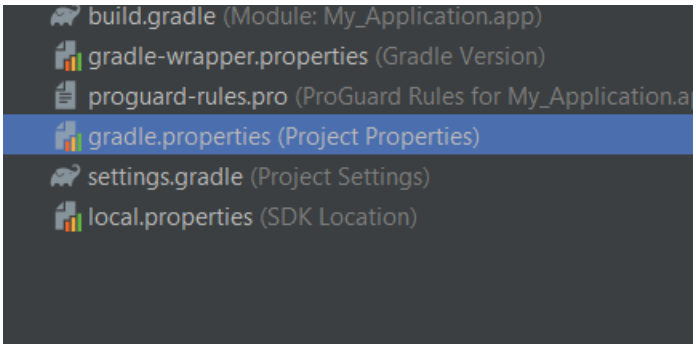

2.23 Start successfully

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

2.24 If you get error the process killing by…, please install another emulator(from step 17)

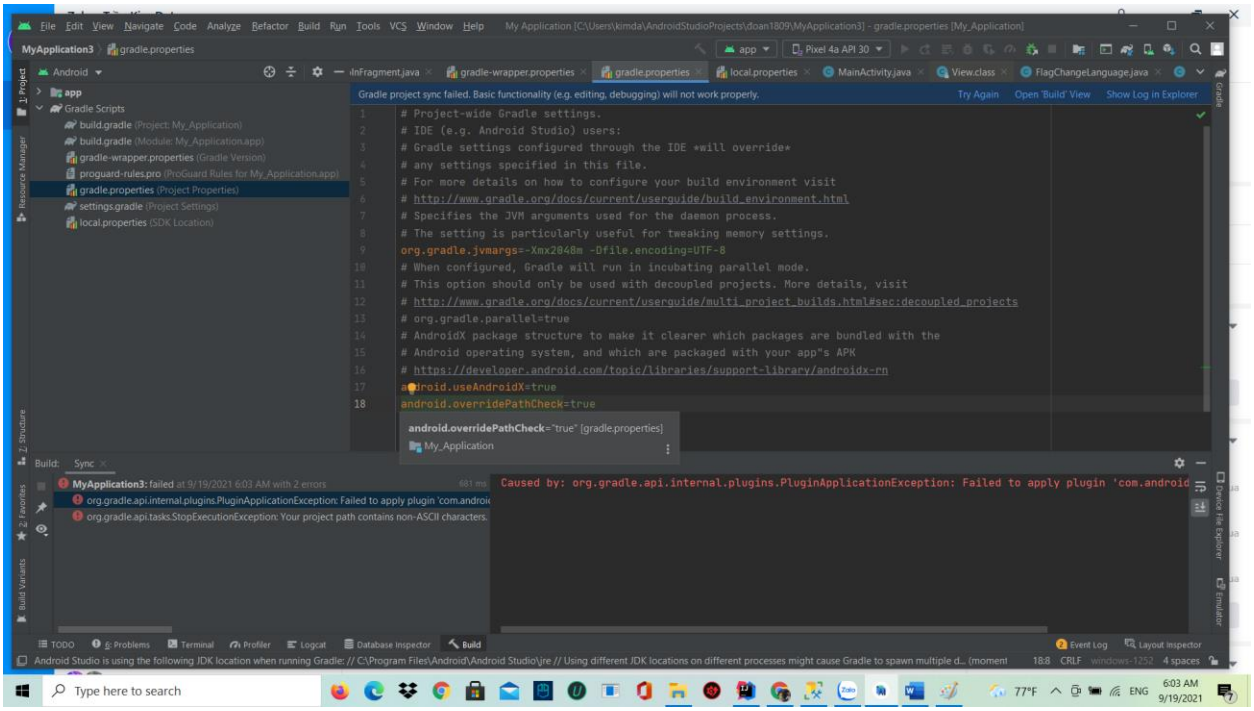
2.25 If you can meet error Caused by: org.gradle.api.internal.plugins.PluginApplicationException: Failed to apply plugin 'com.android.internal.application', please do step 2.26 to 2.28

2.26 At left panel,double click gradle.properties



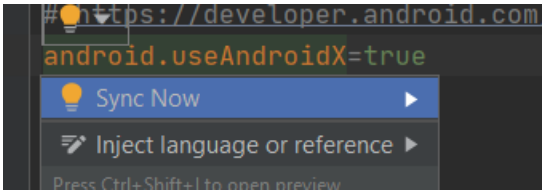

2.27 copy android.overridePathCheck=true next line android.useAndroidX=true

2.28 Hover to text android.overridepathCheck=true until light bulb appear.Click to light buld

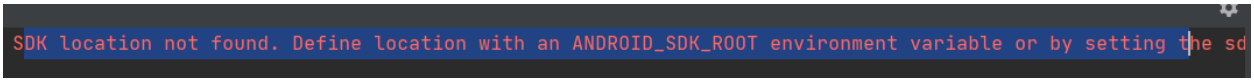



| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

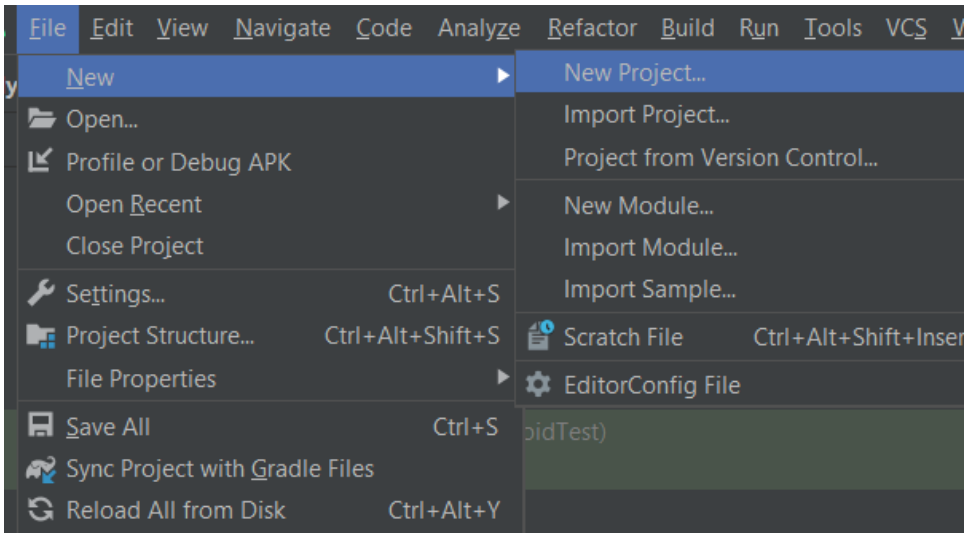
2.29 click syns now or try again and then start again (2.22)




2.30 If you got error sdk location not found, please do step 2.31 to 2.38

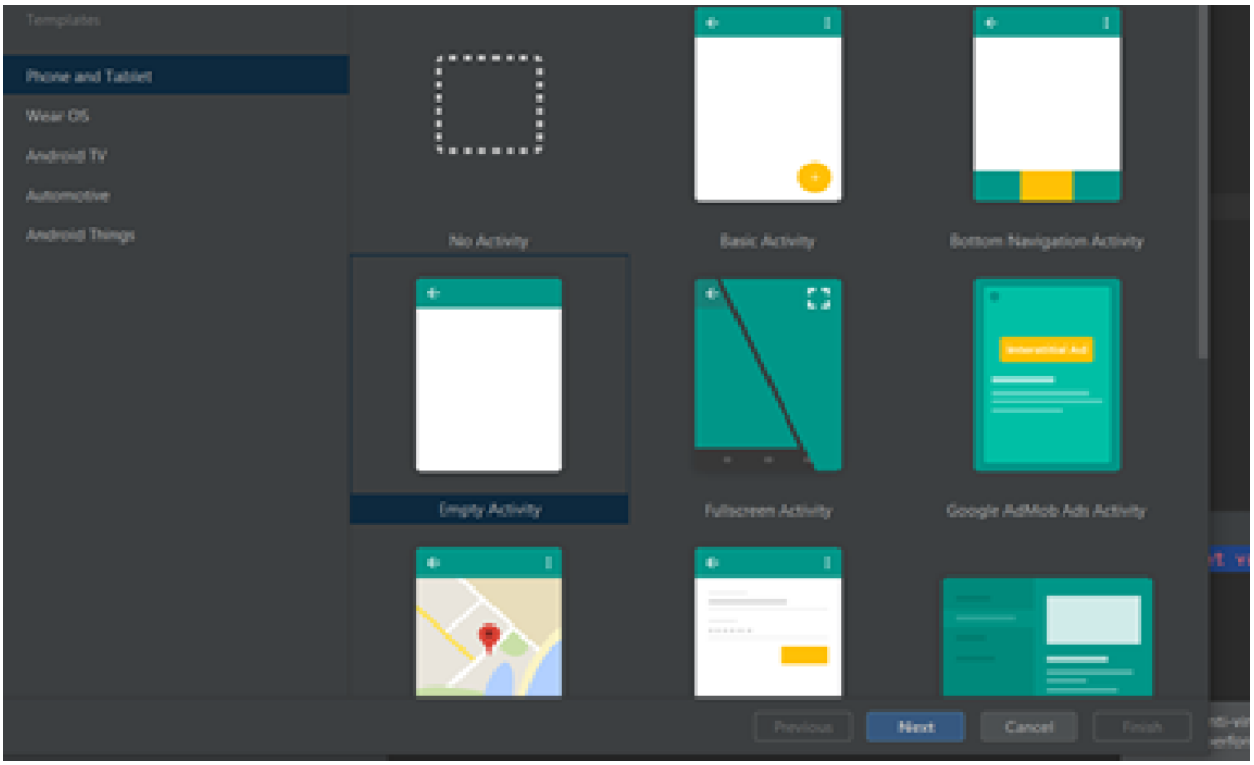



2.31 Create new project.File->new->project



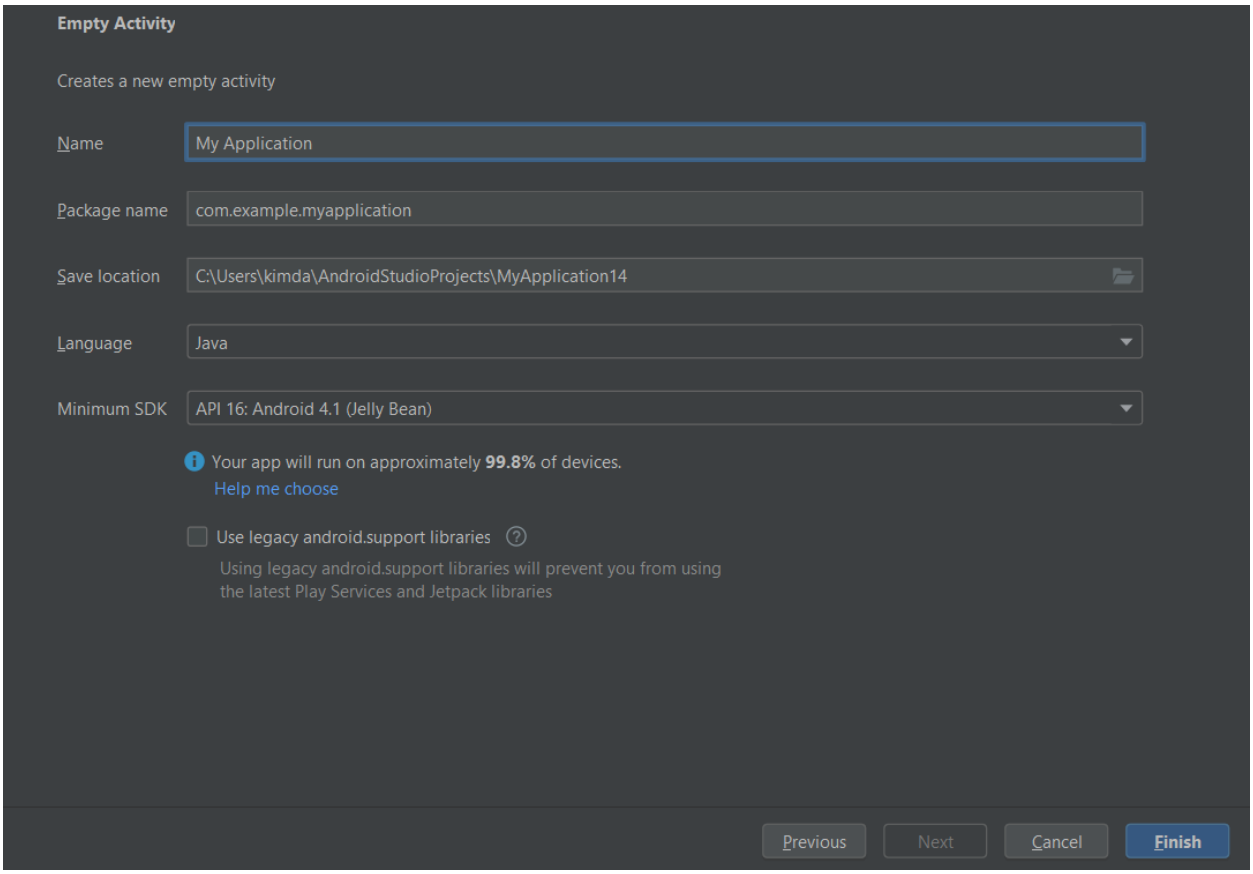

2.32 Choose empty activity and click next

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

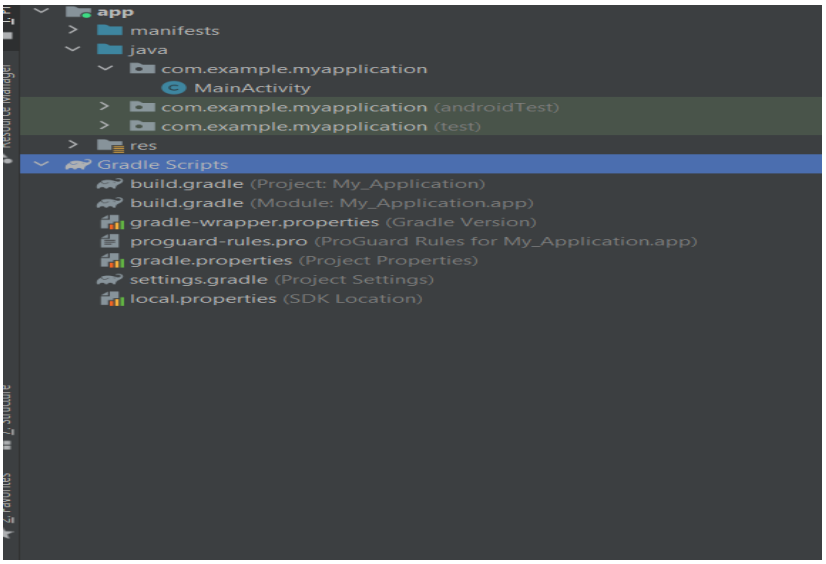



2.34 Click finish and wait new project start

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |

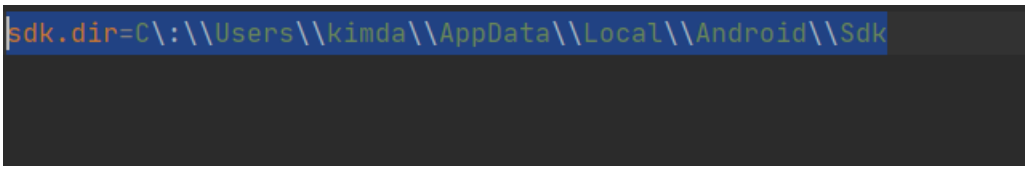



2.35 At left panel,when Grale scripts show,double click gradle scripts -> double click gradle.properties




2.36 At ocal.properties copy text at line 10.Example

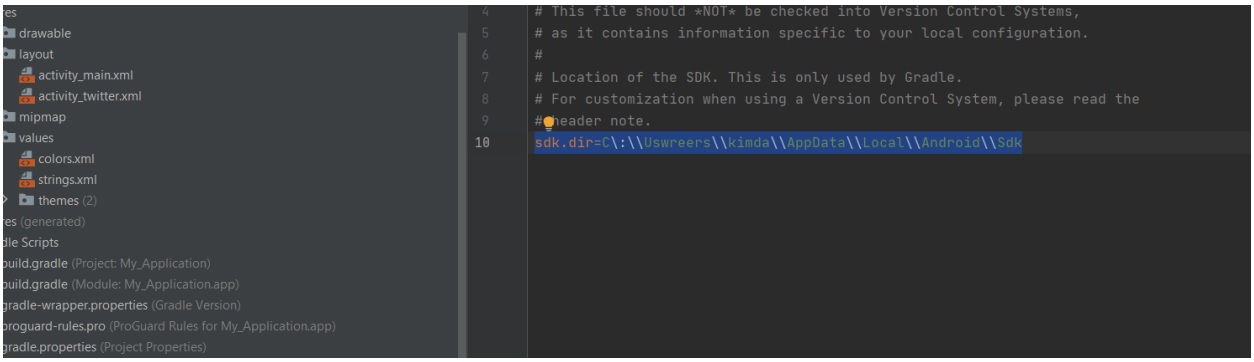
sdk.dir=C\:\\Users\\kimda\\AppData\\Local\\Android\\Sdk




2.37 Go back prev Project and  at prev project.Do step 2.35 at prev project

2.38 At line 10,change line 10 into your text have copied at 2.36. Then,start again

| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |




| | Prepared by (Student) | Approved by (Faculty) |
|---|---|---|
| | **Project Group No**:3 | |
| **Signature** | | |
| **Date** | | |