

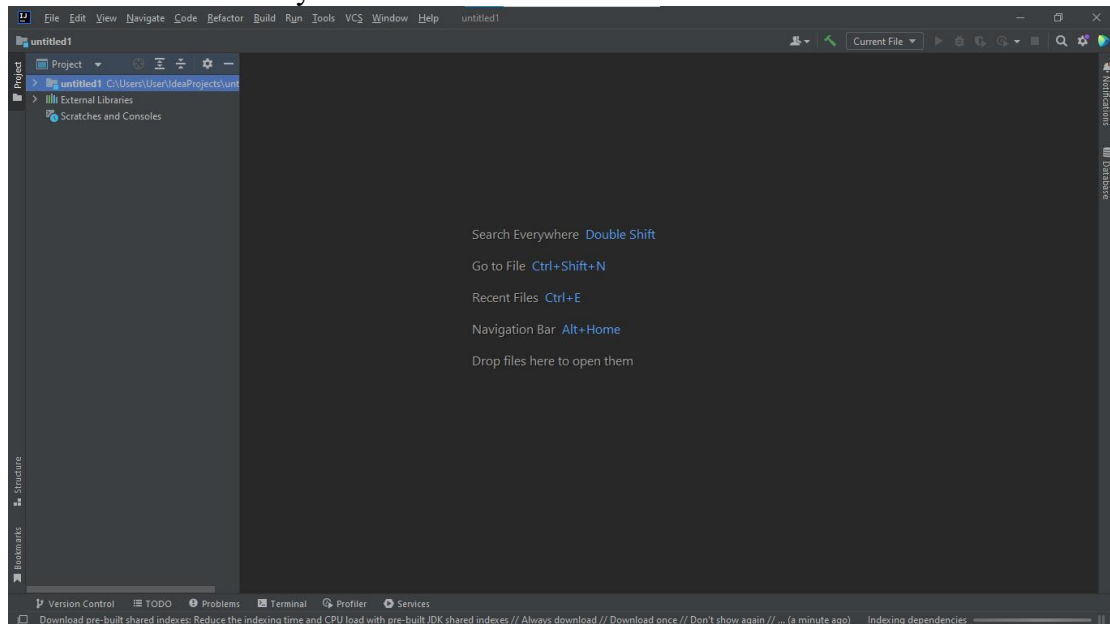
# CSE4080 - Blockchain Technology

## Lab Experiment 3

### Task: Implement smart contracts using the Corda

#### 1. Setting up environment:

##### IntelliJ idea community edition



#### 2. r3 corda – running the cordapp template java

```
Command Prompt

C:\Users\User>git clone https://github.com/corda/cordapp-template-java
Cloning into 'cordapp-template-java'...
remote: Enumerating objects: 3462, done.
remote: Counting objects: 100% (203/203), done.
remote: Compressing objects: 100% (95/95), done.
remote: Total 3462 (delta 53), reused 187 (delta 48), pack-reused 3259
00 KiB/s
Receiving objects: 100% (3462/3462), 2.75 MiB | 189.00 KiB/s, done.
Resolving deltas: 100% (1277/1277), done.

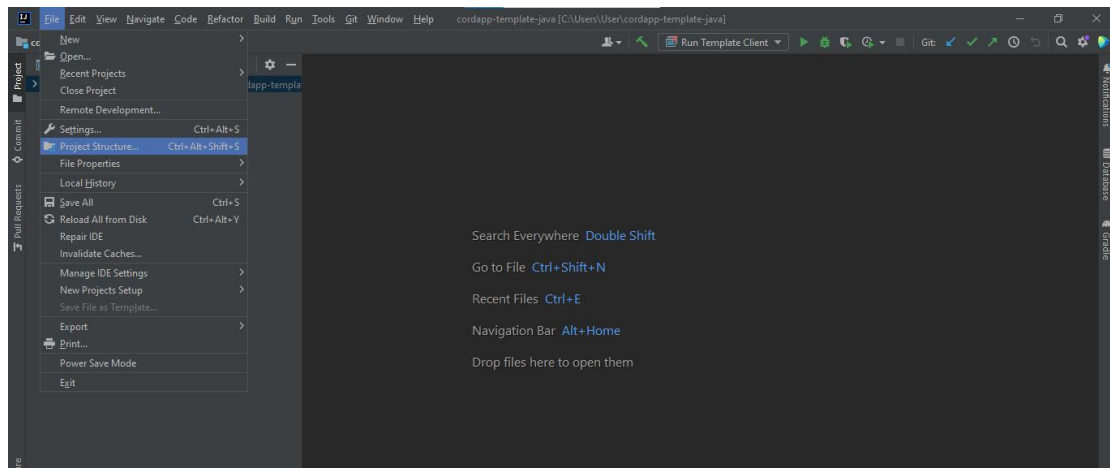
C:\Users\User>
```

C731-85C2

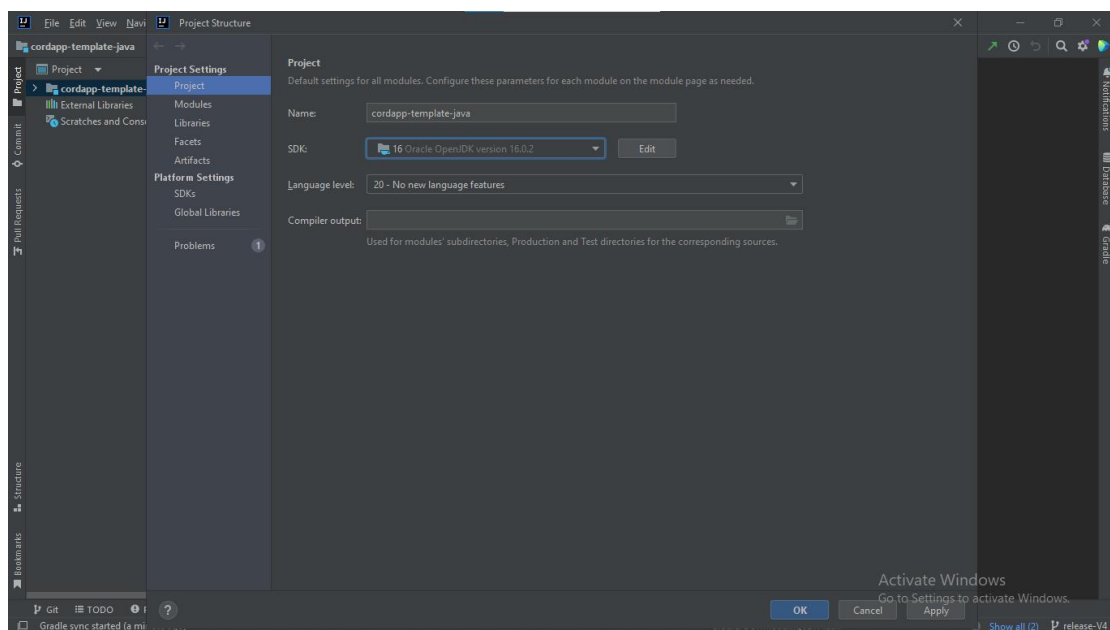
in intelliJ- open - cordapp template java (C:/Users/Cathe)

# CSE4080 - Blockchain Technology

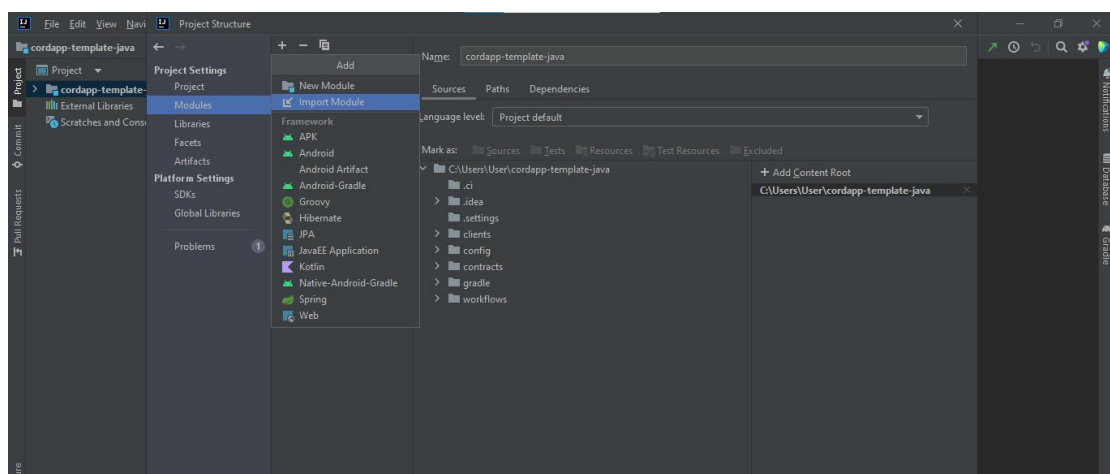
## Lab Experiment 3



Set the sdk

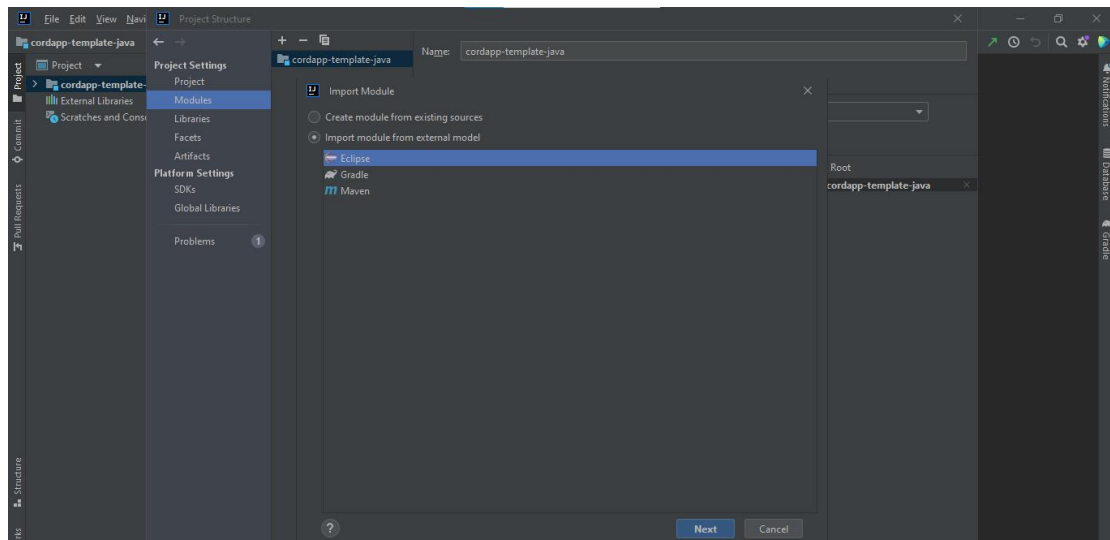


Module-import module



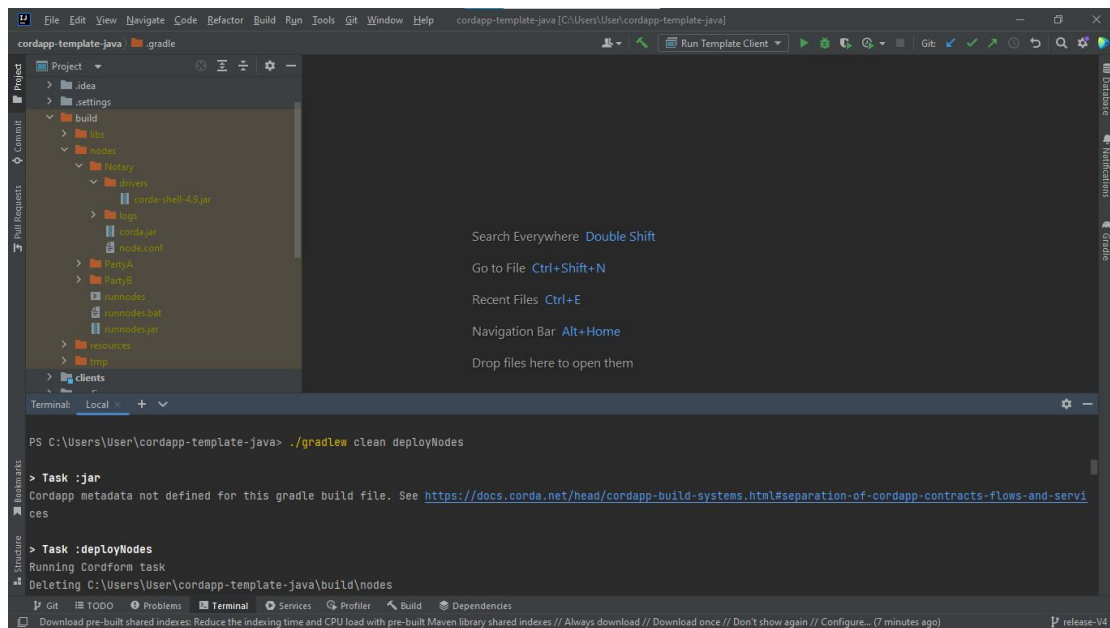
## CSE4080 - Blockchain Technology

### Lab Experiment 3



Deploy nodes:

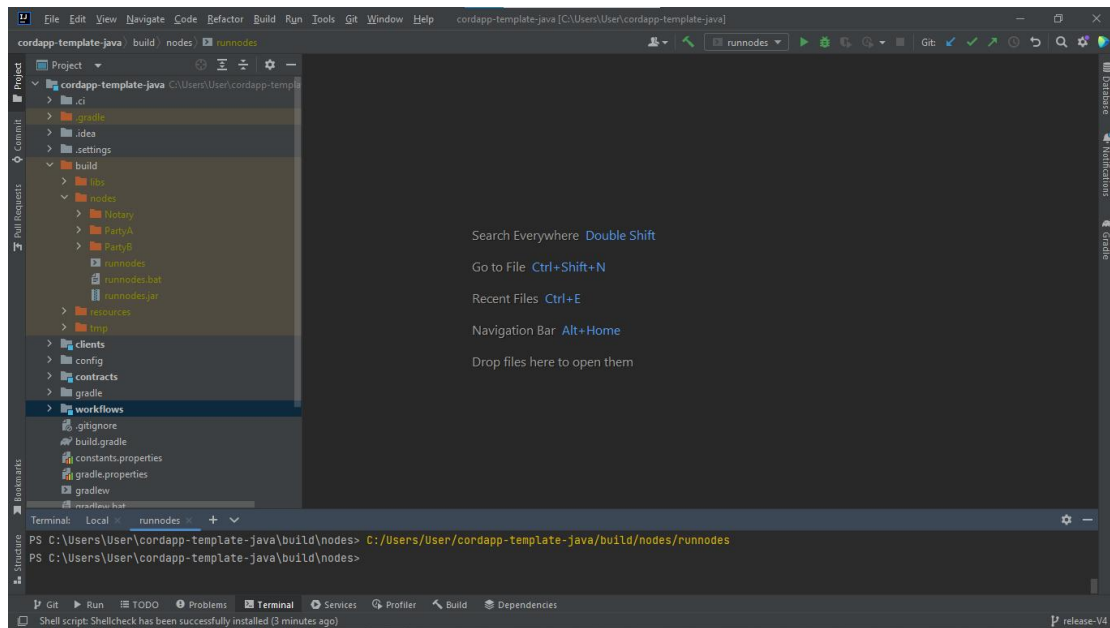
`./gradlew clean deployNodes` (IntelliJ terminal)



Observe build – nodes are generated

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## Lab Experiment 3



build/nodes/runnodes.bat