**Eficens IT**

**Installations:**

Java 1.8, Notepad++, IntelliJ IDE, Postman tool, MySQL, SQL connector Jar, Access to Bit Bucket, Install git in local

**Java:**

You need to set up your environment variable and configure them.

<https://www.youtube.com/watch?v=IJ-PJbvJBGs&t=513s>

**Postman:**

<https://www.postman.com/downloads/>

**IntelliJ:**

Download Community addition.

<https://www.jetbrains.com/idea/download/#section=windows>

<https://www.youtube.com/watch?v=EMLTOMdIz4w>

**GIT:**

<https://git-scm.com/downloads>

**MySQL:**

Also install mysql workbench

<https://www.youtube.com/watch?v=WuBcTJnIuzo>

**Task 1:**

Write a java program in Fibonacci series

**Task 2:**

In MySQL

1. create database with any name
2. Create table with name customer with fields ID Long, firstName varchar, lastName varchar, Address varchar, Designation varchar
3. Insert at least 5 data entries of your sort
4. Execute “select \* from customer”

**Task 3:**

Push the code to bit bucket and keep screenshots of MySQL workbench.

1. Create new branch using gitbash🡪 “git checkout -b “branch name”. Keep your name in branch name
2. For status -> “git status”
3. For add -> “ git add [filename]” , if you want to add all “git add .”
4. For committing “ git commit -m “[Team Number] Message”.
5. For Pushing “git push”
6. If you get an error copy paste the --upstream command.
7. To pull the code “git pull” make sure you update your local master as well. Once you pushed.