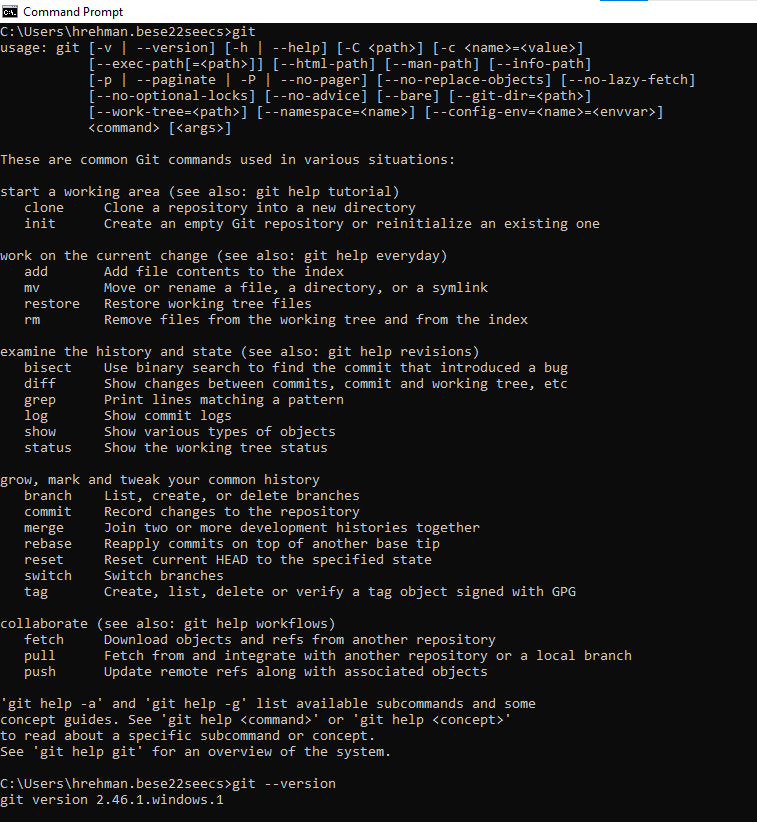
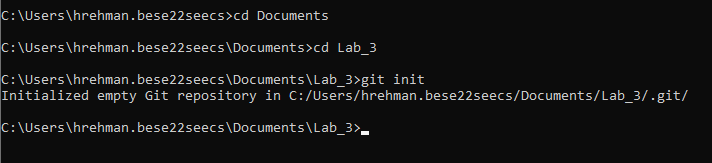
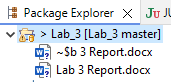
**Lab 3 Report (Haris Rehman 410937)**

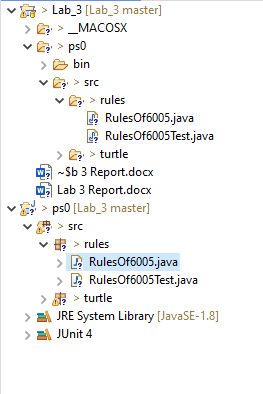
# **Installation of Git and Eclipse (Initialize Git)**





Imported repo using git import from eclipse





# **Changes in code**

**package** rules;

/\*\*

\* RulesOf6005 represents the collaboration policy of 6.005 as described by the

\* general information on Stellar.

\*/

**public** **class** RulesOf6005 {

/\*\*

\* Judge whether a given piece of code may be used in an assignment (problem

\* set or team project) or not, according to the 6.005 collaboration policy.

\*

\* **@param** writtenByYourself true if the code in question was written by

\* yourself or, in the case of a team project, your teammates,

\* otherwise false.

\* **@param** availableToOthers if not writtenByYourself, whether or not the

\* code in question is available to all other students in the class.

\* Otherwise ignored.

\* **@param** writtenAsCourseWork if not writtenByYourself, whether or not the

\* code in question was written specifically as part of a solution to

\* a 6.005 assignment, in the current or past semesters. Otherwise

\* ignored.

\* **@param** citingYourSource if not writtenByYourself, whether or not you

\* properly cite your source. Otherwise ignored.

\* **@param** implementationRequired whether the assignment specifically asks

\* you to implement the feature in question.

\* **@return** Whether or not, based on the information provided in the

\* arguments, you are likely to be allowed to use the code in

\* question in your assignment, according to the 6.005 collaboration

\* policy for the current semester.

\*/

**public** **static** **boolean** mayUseCodeInAssignment(**boolean** writtenByYourself,

**boolean** availableToOthers, **boolean** writtenAsCourseWork,

**boolean** citingYourSource, **boolean** implementationRequired) {

// If the code was written by yourself, it is always allowed

**return** writtenByYourself && !availableToOthers && writtenAsCourseWork && citingYourSource && implementationRequired;

}

/\*\*

\* Main method of the class.

\*

\* Runs the mayUseCodeInAssignment method.

\*

\* **@param** args unused

\*/

**public** **static** **void** main(String[] args) {

System.***out***.println("You may certainly use code you wrote yourself: " +

RulesOf6005.*mayUseCodeInAssignment*(**true**, **false**, **true**, **true**, **true**));

// Additional test cases

System.***out***.println("Using code available to others: " +

RulesOf6005.*mayUseCodeInAssignment*(**false**, **true**, **false**, **false**, **false**));

System.***out***.println("Using course work code with citation: " +

RulesOf6005.*mayUseCodeInAssignment*(**false**, **false**, **true**, **true**, **false**));

System.***out***.println("Using code not written by yourself without citation: " +

RulesOf6005.*mayUseCodeInAssignment*(**false**, **false**, **true**, **false**, **false**));

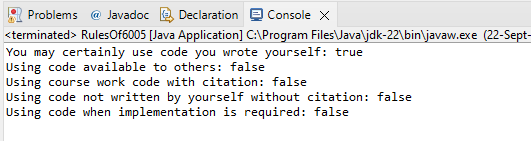
System.***out***.println("Using code when implementation is required: " +

RulesOf6005.*mayUseCodeInAssignment*(**false**, **false**, **false**, **false**, **true**));

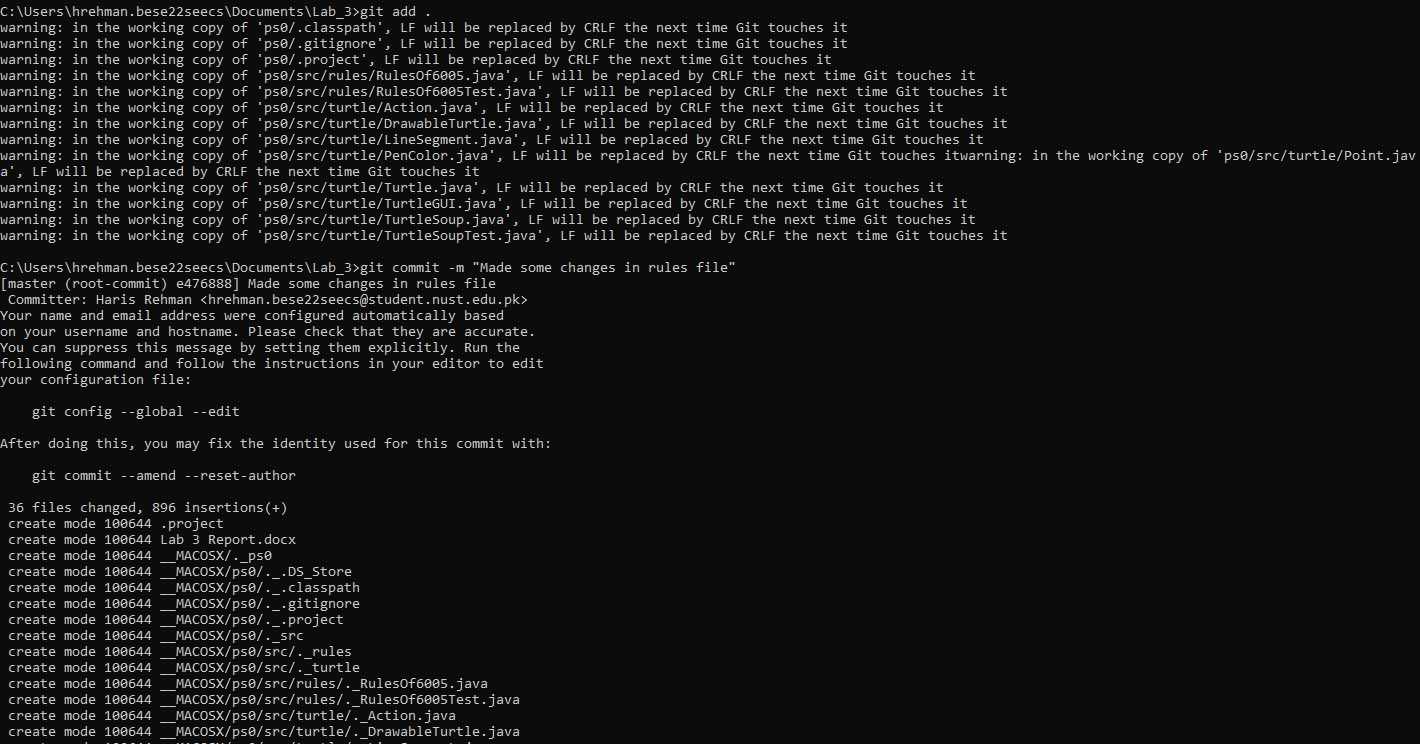
}

}

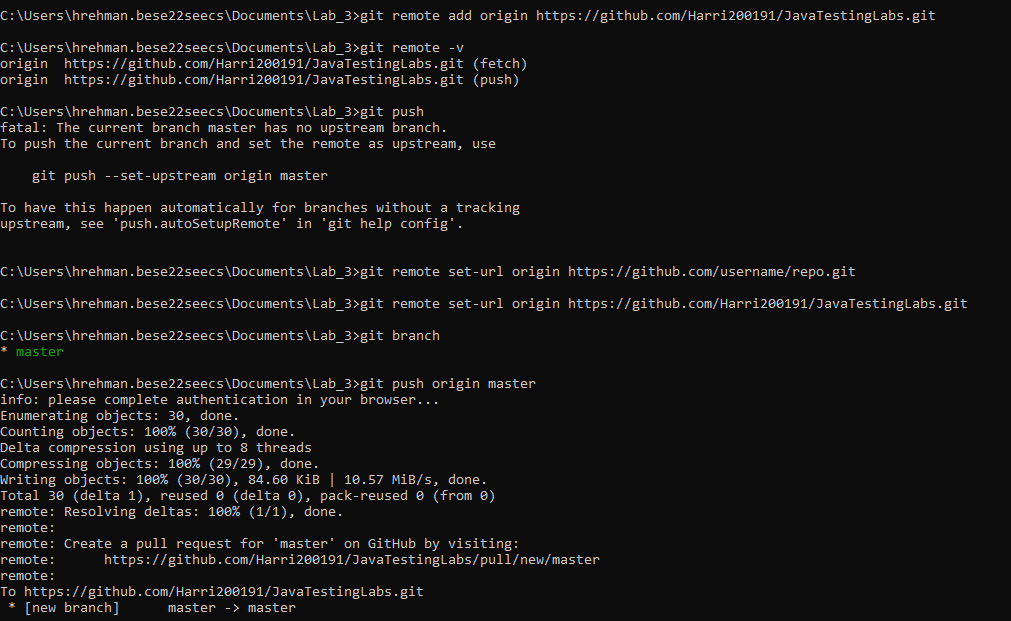
Output Window:



# **Doing git add and git commit and git push**



# **Pushed Code to Github**



Link to github: <https://github.com/Harri200191/JavaTestingLabs>

# **Running Unit Tests**

# 

# **Broke the implementation**

# 

# Code to break:

**package** rules;

/\*\*

\* RulesOf6005 represents the collaboration policy of 6.005 as described by the

\* general information on Stellar.

\*/

**public** **class** RulesOf6005 {

/\*\*

\* Judge whether a given piece of code may be used in an assignment (problem

\* set or team project) or not, according to the 6.005 collaboration policy.

\*

\* **@param** writtenByYourself true if the code in question was written by

\* yourself or, in the case of a team project, your teammates,

\* otherwise false.

\* **@param** availableToOthers if not writtenByYourself, whether or not the

\* code in question is available to all other students in the class.

\* Otherwise ignored.

\* **@param** writtenAsCourseWork if not writtenByYourself, whether or not the

\* code in question was written specifically as part of a solution to

\* a 6.005 assignment, in the current or past semesters. Otherwise

\* ignored.

\* **@param** citingYourSource if not writtenByYourself, whether or not you

\* properly cite your source. Otherwise ignored.

\* **@param** implementationRequired whether the assignment specifically asks

\* you to implement the feature in question.

\* **@return** Whether or not, based on the information provided in the

\* arguments, you are likely to be allowed to use the code in

\* question in your assignment, according to the 6.005 collaboration

\* policy for the current semester.

\*/

**public** **static** **boolean** mayUseCodeInAssignment(**boolean** writtenByYourself,

**boolean** availableToOthers, **boolean** writtenAsCourseWork,

**boolean** citingYourSource, **boolean** implementationRequired) {

// If the code was written by yourself, it is always allowed

**return** writtenByYourself && availableToOthers && writtenAsCourseWork && citingYourSource && implementationRequired;

}

/\*\*

\* Main method of the class.

\*

\* Runs the mayUseCodeInAssignment method.

\*

\* **@param** args unused

\*/

**public** **static** **void** main(String[] args) {

System.***out***.println("You may certainly use code you wrote yourself: " +

RulesOf6005.*mayUseCodeInAssignment*(**true**, **false**, **true**, **true**, **true**));

// Additional test cases

System.***out***.println("Using code available to others: " +

RulesOf6005.*mayUseCodeInAssignment*(**false**, **true**, **false**, **false**, **false**));

System.***out***.println("Using course work code with citation: " +

RulesOf6005.*mayUseCodeInAssignment*(**false**, **false**, **true**, **true**, **false**));

System.***out***.println("Using code not written by yourself without citation: " +

RulesOf6005.*mayUseCodeInAssignment*(**false**, **false**, **true**, **false**, **false**));

System.***out***.println("Using code when implementation is required: " +

RulesOf6005.*mayUseCodeInAssignment*(**false**, **false**, **false**, **false**, **true**));

}

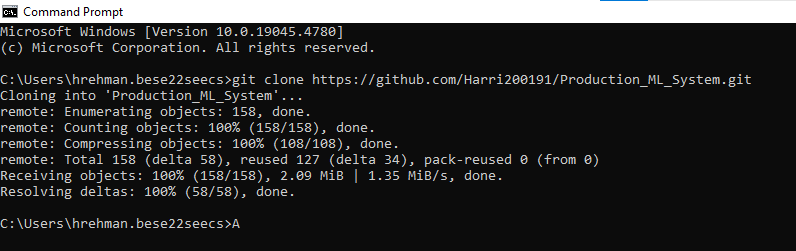
}

# **More Test Cases Written Down**

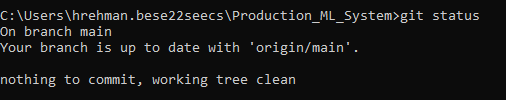
# 

# **Practicing Other Git Commands**

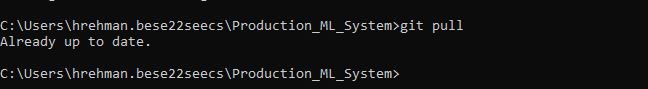
# Git clone



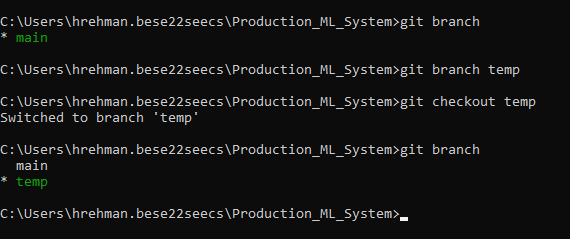
# Git Status



# Git pull (Nothing added remotely so no change)

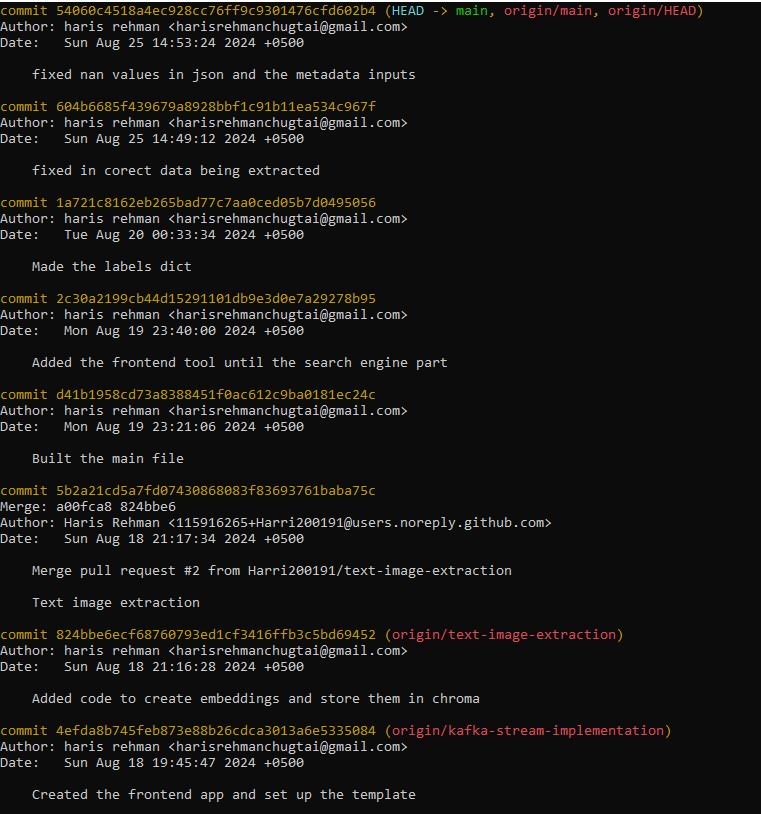


# Git Branch Commands

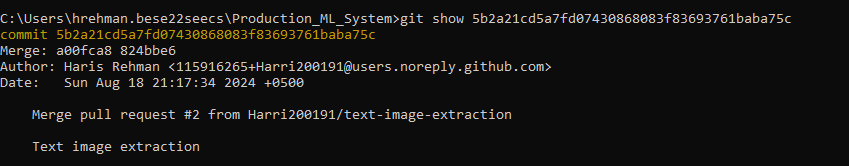




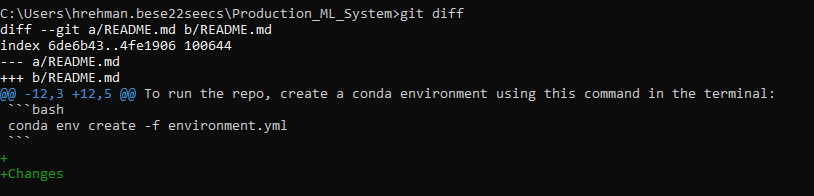
# Git Log



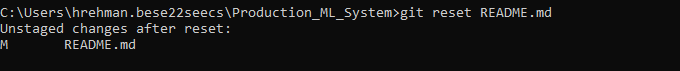
# Git Show



# Git Diff

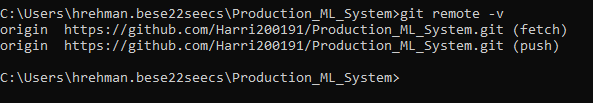


# Git Reset





# Git Remote



Since remote already added no need to use those commands as I already added remote above

Git fetch wont work as well as no changes made remotely

# Git tag commands

