HOMEWORK 1

CS 5500 – Managing Software Development
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STEP 1

$ git config --list
core.symlinks=false
core.autocrlf=input
core.fscache=true
color.diff=auto
[…]
user.name=farha
user.email=jawed.f@husky.neu.edu
core.editor='D:/Microsoft VS Code/Code.exe' -w

STEP 2

Listing the contents of the parent directory
farha@Farha MINGW64 /g/Student-113-F18 (master)
$ ls -a
 ./ ../ .git/ Grading/ 'Homework 1'/ 'Homework 2'/ 'Homework 3'/ 'Homework 4'/
'Homework 5'/   README.md

Listing the contents of the .git directory
farha@Farha MINGW64 /g/Student-113-F18 (master)
$ ls -a .git
./ ../ config description HEAD hooks/ index info/ logs/ objects/ packed-refs refs/

STEP 3

[CS 5500 Managing Software Development](https://course.ccs.neu.edu/cs5500)

STEP 4

Contents of .gitignore
$ cat .gitignore
Folder config file
[Dd]esktop.ini
Compiled class file
*.class

Log file
*.log

BlueJ files
*.ctxt

Mobile Tools for Java (J2ME)
.mtj.tmp/

Package Files
*.jar
*.war
*.nar
*.ear
*.zip
*.tar.gz
*.rar

Project file
*.project

Classpath file
*.classpath

folders
/bin

#local properties
.settings/

STEP 6

Commits on feature-1:
farha@Farha MINGW64 /g/Student-113-F18/Homework 1 (feature-1)
$ git log --oneline
251b4a1 (HEAD -> feature-1) satisfying requirement one
b9173c2 (master) setting up gitignore
703cd83 (origin/master, origin/HEAD) Grading
49fd844 Homework 5
bfa10d4 Homework 4
7f3e039 Homework 3
0b7fad0 Homework 2
4475ba7 Homework 1
4b60a35 Initial commit

Files and sub-directories on feature-1:
farha@Farha MINGW64 /g/Student-113-F18/Homework 1 (feature-1)
$ ls -a
./ ../ PrintNumberTest/ test.txt

Files and sub-directories on master:
farha@Farha MINGW64 /g/Student-113-F18/Homework 1 (master)
$ ls -a
./ ../ test.txt

STEP 10

Commits made on feature-2 branch:
farha@Farha MINGW64 /g/Student-113-F18/Homework 1 (feature-2)
$ git log --oneline
21e4026 (HEAD -> feature-2) satisfying requirement change two
251b4a1 (master, feature-3, feature-1) satisfying requirement one
b9173c2 setting up gitignore
703cd83 (origin/master, origin/HEAD) Grading
49fd844 Homework 5
bfa10d4 Homework 4
7f3e039 Homework 3
0b7fad0 Homework 2
4475ba7 Homework 1
4b60a35 Initial commit

STEP 13

Difference between master and feature-1:
farha@Farha MINGW64 /g/Student-113-F18 (master)
$ git diff master feature-1
diff --git a/Homework 1/PrintNumberTest/src/Numbers.java b/Homework
1/PrintNumberTest/src/Numbers.java
index 06b131c..422cea4 100644
--- a/Homework 1/PrintNumberTest/src/Numbers.java
+++ b/Homework 1/PrintNumberTest/src/Numbers.java
@@ -16,10 +16,11 @@ public interface Numbers {

    /**
-     * This method is used to print even numbers between two integers.
+   * This method is used to print numbers between two integers.
      * @param firstNumber This is the first integer entered by user
      * @param secondNumber This is the second integer entered by user
-     * @return ArrayList of even integers between firstNumber and secondNumber
+   * @return ArrayList of integers that sit between firstNumber and secondNumber
+   *   (not including the two numbers in the range)
      */
-    public ArrayList<Integer> printEvenNumbers(int firstNumber, int secondNumber);
+   public ArrayList<Integer> printNumbers(int firstNumber, int secondNumber);

}
\ No newline at end of file
diff --git a/Homework 1/PrintNumberTest/src/PrintNumbers.java b/Homework
1/PrintNumberTest/src/PrintNumbers.java
index 696799e..06da79f 100644
--- a/Homework 1/PrintNumberTest/src/PrintNumbers.java
+++ b/Homework 1/PrintNumberTest/src/PrintNumbers.java
@@ -5,7 +5,7 @@ import java.util.Scanner;
 * @author farha
 * @version 1.0
 * PrintNumbers class takes as input two integers from users and prints
- * out all even integers in the range.
+ * out all integers, not including the two inputs in the range.
 */

Difference between master and feature-2:
farha@Farha MINGW64 /g/Student-113-F18 (master)
$ git diff master feature-2
diff --git a/Homework 1/PrintNumberTest/src/Numbers.java b/Homework
1/PrintNumberTest/src/Numbers.java
index 06b131c..ef878e9 100644
--- a/Homework 1/PrintNumberTest/src/Numbers.java
+++ b/Homework 1/PrintNumberTest/src/Numbers.java
@@ -16,10 +16,10 @@ public interface Numbers {

    /**
-       * This method is used to print even numbers between two integers.
+   * This method is used to print odd numbers between two integers.
       * @param firstNumber This is the first integer entered by user
       * @param secondNumber This is the second integer entered by user
-       * @return ArrayList of even integers between firstNumber and secondNumber
+   * @return ArrayList of odd integers between firstNumber and secondNumber
       */
-    public ArrayList<Integer> printEvenNumbers(int firstNumber, int secondNumber);
+   public ArrayList<Integer> printOddNumbers(int firstNumber, int secondNumber);
 }
\ No newline at end of file
diff --git a/Homework 1/PrintNumberTest/src/PrintNumbers.java b/Homework
1/PrintNumberTest/src/PrintNumbers.java
index 696799e..2a7675e 100644
--- a/Homework 1/PrintNumberTest/src/PrintNumbers.java
+++ b/Homework 1/PrintNumberTest/src/PrintNumbers.java
@@ -5,7 +5,7 @@ import java.util.Scanner;
 * @author farha
 * @version 1.0

* PrintNumbers class takes as input two integers from users and prints
- * out all even integers in the range.
+ * out all odd integers between those two numbers.
 */
 public class PrintNumbers implements Numbers{
:

Difference between master and feature-3:
farha@Farha MINGW64 /g/Student-113-F18 (master)
$ git diff master feature-3
diff --git a/Homework 1/PrintNumberTest/src/PrintNumbers.java b/Homework
1/PrintNumberTest/src/PrintNumbers.java
index 696799e..a030704 100644
--- a/Homework 1/PrintNumberTest/src/PrintNumbers.java
+++ b/Homework 1/PrintNumberTest/src/PrintNumbers.java
@@ -41,7 +41,6 @@ public class PrintNumbers implements Numbers{
        else if(firstNumber > secondNumber) {
            System.out.println("Second number must be greater than the first number.");
        }
-
        else {
            for(int i = firstNumber+1; i<secondNumber; i++) {
                if(i%2==0) {
@@ -60,7 +59,6 @@ public class PrintNumbers implements Numbers{
    /**
     * This is the main function for printing all even integers between 2 integers
     * @param args
-     * @return nothing
     */
    public static void main(String[] args) {
        PrintNumbers printNumbers = new PrintNumbers();

STEP 14

Difference between master and feature-1:
farha@Farha MINGW64 /g/Student-113-F18 (master)
$ git diff master feature-1
diff --git a/Homework 1/PrintNumberTest/src/Numbers.java b/Homework
1/PrintNumberTest/src/Numbers.java
index ef878e9..422cea4 100644
--- a/Homework 1/PrintNumberTest/src/Numbers.java
+++ b/Homework 1/PrintNumberTest/src/Numbers.java
@@ -16,10 +16,11 @@ public interface Numbers {

```
   /**
-       * This method is used to print odd numbers between two integers.
+        * This method is used to print numbers between two integers.
       * @param firstNumber This is the first integer entered by user
       * @param secondNumber This is the second integer entered by user
-       * @return ArrayList of odd integers between firstNumber and secondNumber
+        * @return ArrayList of integers that sit between firstNumber and secondNumber
+        *         (not including the two numbers in the range)
       */
-    public ArrayList<Integer> printOddNumbers(int firstNumber, int secondNumber);
+    public ArrayList<Integer> printNumbers(int firstNumber, int secondNumber);
 }
\ No newline at end of file
diff --git a/Homework 1/PrintNumberTest/src/PrintNumbers.java b/Homework
1/PrintNumberTest/src/PrintNumbers.java
index 2a7675e..06da79f 100644
--- a/Homework 1/PrintNumberTest/src/PrintNumbers.java
+++ b/Homework 1/PrintNumberTest/src/PrintNumbers.java
@@ -5,7 +5,7 @@ import java.util.Scanner;
  * @author farha
  * @version 1.0
  * PrintNumbers class takes as input two integers from users and prints
- * out all odd integers between those two numbers.
+ * out all integers, not including the two inputs in the range.
  */
 public class PrintNumbers implements Numbers{

@@ -28,12 +28,13 @@ public class PrintNumbers implements Numbers{
    }

    /**
-        * This method is used to print odd numbers between two integers.
+         * This method is used to print numbers between two integers.
        * @param firstNumber This is the first integer entered by user
        * @param secondNumber This is the second integer entered by user
-        * @return ArrayList of odd integers between firstNumber and secondNumber
+         * @return ArrayList of integers that sit between firstNumber and secondNumber
+         *         (not including the two numbers in the range)
        */
-    public ArrayList<Integer> printOddNumbers(int firstNumber, int secondNumber) {
+    public ArrayList<Integer> printNumbers(int firstNumber, int secondNumber) {
:
```

Difference between master and feature-2:
farha@Farha MINGW64 /g/Student-113-F18 (master)
$ git diff master feature-2

No difference found between master and feature-2

Difference between master and feature-3:
farha@Farha MINGW64 /g/Student-113-F18 (master)
$ git diff master feature-3
diff --git a/Homework 1/PrintNumberTest/src/Numbers.java b/Homework
1/PrintNumberTest/src/Numbers.java
index ef878e9..06b131c 100644
--- a/Homework 1/PrintNumberTest/src/Numbers.java
+++ b/Homework 1/PrintNumberTest/src/Numbers.java
@@ -16,10 +16,10 @@ public interface Numbers {

   /**
-      * This method is used to print odd numbers between two integers.
+   * This method is used to print even numbers between two integers.
      * @param firstNumber This is the first integer entered by user
      * @param secondNumber This is the second integer entered by user
-      * @return ArrayList of odd integers between firstNumber and secondNumber
+   * @return ArrayList of even integers between firstNumber and secondNumber
      */
-   public ArrayList<Integer> printOddNumbers(int firstNumber, int secondNumber);
+   public ArrayList<Integer> printEvenNumbers(int firstNumber, int secondNumber);
 }
\ No newline at end of file
diff --git a/Homework 1/PrintNumberTest/src/PrintNumbers.java b/Homework
1/PrintNumberTest/src/PrintNumbers.java
index 2a7675e..a030704 100644
--- a/Homework 1/PrintNumberTest/src/PrintNumbers.java
+++ b/Homework 1/PrintNumberTest/src/PrintNumbers.java
@@ -5,7 +5,7 @@ import java.util.Scanner;
 * @author farha
 * @version 1.0
 * PrintNumbers class takes as input two integers from users and prints
- * out all odd integers between those two numbers.
+ * out all even integers in the range.
 */
 public class PrintNumbers implements Numbers{
: