## **Unit 1.3 Graded Assignment: Version Control**

#### **Instructions:**

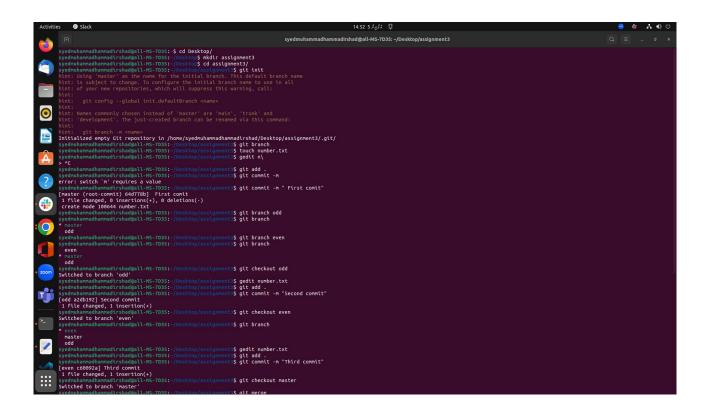
- 1.Create a new git repository in a local directory.
- 2.Create an empty file "numbers.txt" and commit it to the current ("main" or "master") branch.
- 3.Create two new branches: "odd" and "even".
- 4.Switch to the "odd" branch.
- 5.Edit the "numbers.txt" file by adding some odd numbers, then commit the change.
- 6.Switch to the "even" branch.
- 7.Edit the "numbers.txt" file by adding some even numbers, then commit the change.
- 8. Switch to the main branch.
- 9.Merge the "odd" branch to the current one.
- 10. Try to merge the "even" branch too it should cause a conflict.
- 11. Resolve the conflict by combining all the numbers and commit the merge.

List the commits using git log -p command and save the output in a file.

### **Submitted By:**

- 1. Ali Nasir (2303.KHI.DEG.012)
- 2. Syed Muhammad Hammad Irshad (2303.KHI.DEG.032)

#### **Solution:**



# Here is the generated log file generated:

commit 3caf5a0b0a503bb016130f92b3d3723e82a731d2

Merge: a2db192 c60092a

Author: hammadirshad19 <hammad.irshad@xloopdigital.com>

Date: Wed Apr 5 14:50:31 2023 +0500

fourth commit

commit c60092a0ed2c852d2533bbf13fad109692fb6278

Author: hammadirshad19 < hammad.irshad@xloopdigital.com>

Date: Wed Apr 5 14:47:55 2023 +0500

Third commit

diff --git a/number.txt b/number.txt index e69de29..ac2fc3d 100644

--- a/number.txt

+++ b/number.txt

@@ -0,0 +1 @@

+2,4,6,8,10

commit a2db1925ffeb8b1a6501cb1a53b1c1732d59e13d

Author: hammadirshad19 <hammad.irshad@xloopdigital.com>

Date: Wed Apr 5 14:46:21 2023 +0500

Second commit

diff --git a/number.txt b/number.txt index e69de29..ec5d032 100644

--- a/number.txt

+++ b/number.txt

@@ -0,0 +1 @@

+3,1,5,7,9,11

commit 64d778b4b321513a5df16687032bf7e88c7dabc8 Author: hammadirshad19 <hammad.irshad@xloopdigital.com> Date: Wed Apr 5 14:43:39 2023 +0500

First comit

diff --git a/number.txt b/number.txt new file mode 100644 index 0000000..e69de29