

School of Computer Science, UPES, Dehradun.

A

Lab 2

On Software Engineering

B.TECH. - V Semester

**Submitted to:**

Dr. Hitesh Kumar Sharma

**Submitted by:**

Name: Ishika Mehrotra

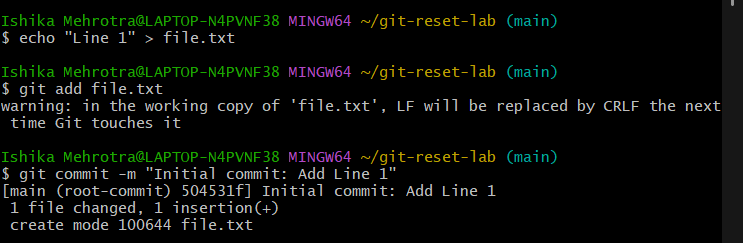
Batch: Devops B1

Sap Id: 500124411

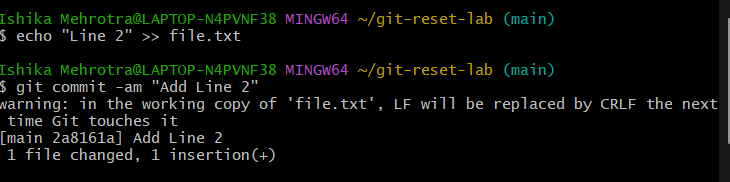
Roll No.: R2142230281

**Lab Exercise 2- Working with Git Reset**

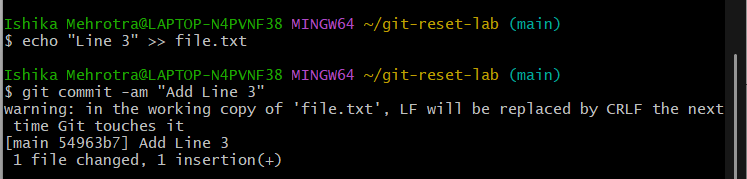
1. **Set Up the Repository**

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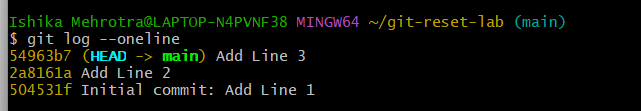
1. **Add a second change:**

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1. **Add a third change:**

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1. **Check the commit history:**

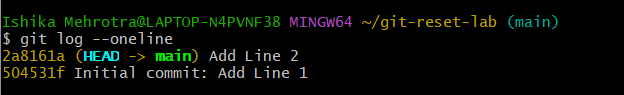
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**2. Use git reset –soft**

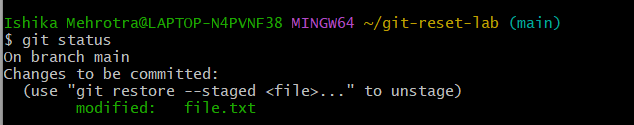
1. **Reset to the second commit:**

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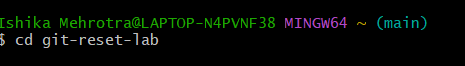
1. **Check the commit history:**

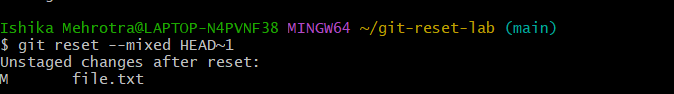
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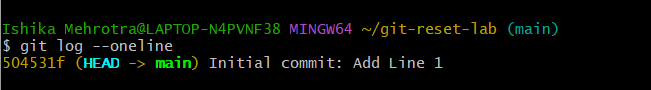
1. **Verify the staged changes:**

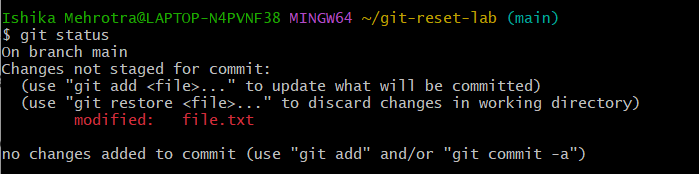
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1. **Use git reset –mixed:**

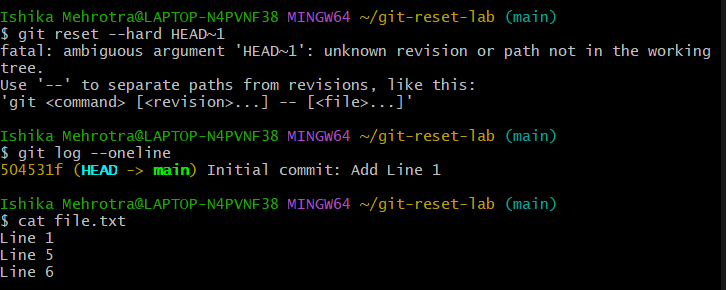
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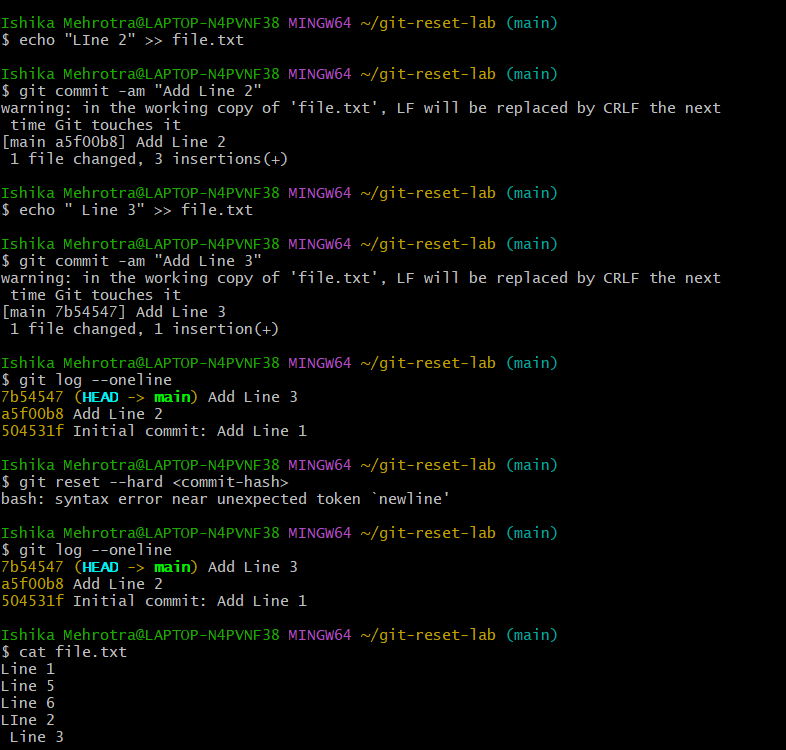
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1. **Use git reset –hard**

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**5. Use git reset with a Commit Hash**

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