**L2 - Create Local git repository and demonstrate git merge and Merge Conflicts with the steps to resolve merge conflicts**

**Step 1: Create a Folder and Initialize Git**

A screen shot of a computer

AI-generated content may be incorrect.

**Step 2: Create a File and Do First Commit**

**A screen shot of a computer program

AI-generated content may be incorrect.  
Step 3: Create a New Branch and Modify the File**

**A black screen with white text

AI-generated content may be incorrect.**

**Step 4: Go Back to Main Branch and Modify the Same Line**

**A screenshot of a computer screen

AI-generated content may be incorrect.**

**Step 5: Try to Merge the Feature Branch into Main**

**git merge feature**

**A screen shot of a computer screen

AI-generated content may be incorrect.**

**Step 6: See and Understand the Conflict**

**cat myfile.txt**

**A screen shot of a computer screen

AI-generated content may be incorrect.**

**Opened the notepad and correct the conflict**

**A screen shot of a computer

AI-generated content may be incorrect.**

**Step 8: Mark Conflict as Resolved and Commit**

**git add myfile.txt**

**git commit -m "Resolved merge conflict between main and feature"**

**A screen shot of a computer code

AI-generated content may be incorrect.**