1. **Git Stash:**

   Purpose: Stashing allows you to temporarily store changes that are not ready to be committed yet, enabling you to switch branches or perform other tasks without committing incomplete work.
   Commands:

   ```
   git stash      # Stash changes
   git stash list  # List stashes
   git stash apply  # Apply the most recent stash
   git stash drop   # Delete the most recent stash
   ```

2. **Git Reset:**

   Purpose: Resetting allows you to undo changes to the repository's state, whether it's resetting changes in the working directory, staging area, or both.
   Commands:
   Perl

   ```
   git reset HEAD <file>   # Unstage changes
   git reset --soft HEAD~1  # Soft reset, keeps changes in the working directory
   git reset --hard HEAD~1  # Hard reset, discards changes in the working directory
   ```

3. **Git Rebase:**

   Purpose: Rebase is used to integrate changes from one branch into another by moving or combining commits, resulting in a linear history and cleaner project timeline.
   Commands:
   Bash

   ```
   git rebase <branch>   # Rebase current branch onto <branch>
   git rebase -i HEAD~<number of commits>   # Interactive rebase, allows squashing.
   ```