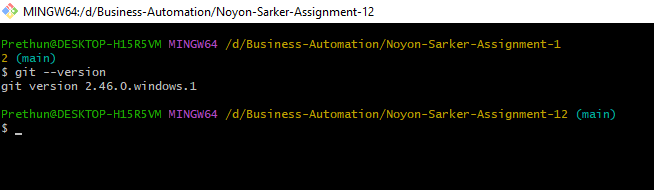
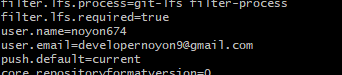
Assignment-12

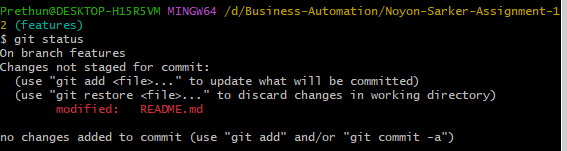
Git version check:



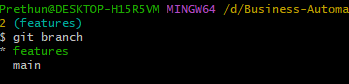
Git config details:



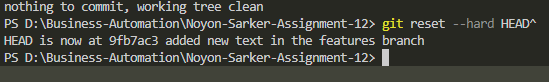
git status: Define the status of the directory



Git branch: shows how many branches here



Git reset –hard HEAD^:



About Development

1. Ensure your Linux server is ready to host your PHP application.
2. You need a web server, PHP, and a database server (if required)
3. Configure the web server
4. Upload your PHP application
5. Set correct Permissions
6. Configure the database
7. Enable and configure Firewall
8. Install an SSL Certificate
9. Restart Services
10. Test the deployment

Benefits of CI/CD (Continuous Integration & Continuous Deployment)

DevOps am to integrate and automate the work of software development (Dev) and IT operations (Ops). The goal is to improve collaborations, shorten and development lifecycle, and deliver high-quality software faster and more reliably.

1. Collaboration & Communication – Encouraging teamwork between developers, operations, and other stockholders.
2. Automation – Automating repetitive tasks like code deployment, testing and infrastructure management.
3. CI/CD: Continuous integration and continuous development
4. Monitoring & Feedback: Collecting real-time performance data to improve software quality and reliability.

Benefits

1. Faster development and deployment cycles
2. Higher software quality and reliability
3. Improved collaboration between teams
4. Efficient resource utilization and code saving