Name:- Vidya CS   **TRACK:JAVA FSE**

Create a **".log"** file and a **log folder** in the working directory of Git. Update the **.gitignore** file in such a way that on committing, these files (.log extensions and log folders) are ignored.
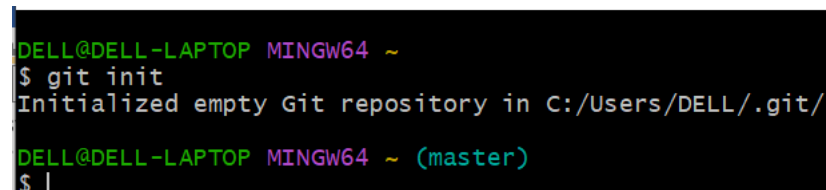
Verify if the git status reflects the same about working directory, local repository and git repository.

1. Go to your Git project folder in Git Bash

cd /c/Users/Vidya CS/OneDrive/Desktop/handson-soln/week8/GitProject

2. Initialize Git

git init

3. Create .log file and log folder

Create a top-level .log file

touch debug.log

Create log folder

mkdir log

Create a test log file inside log folder

echo "Sample log data" > log/test.log

4. Create or edit .gitignore

cat > .gitignore << 'EOF'

Ignore all .log files

```
*.log

# Ignore log folder

log/

EOF
```

5. Remove already tracked files (only if you committed them before)

```
git rm --cached debug.log

git rm -r --cached log/
```

6. Stage and commit .gitignore

```
git add .gitignore

git commit -m "Ignore .log files and log folder"
```

7. Verify

```
# Check Git status

git status
```

```
# Show ignored files

git ls-files --others --ignored --exclude-standard
```