

# Git Project Setup Guide for Java Project

## 1. Go to Project Root Folder

**Command:**

```
cd java-8
```

## 2. Initialize Git Repository

**Command:**

```
git init
```

## 3. Create .gitignore File

**Command:**

```
touch .gitignore
```

(Add required ignore rules and save the file)

## 4. Create and Switch to Development Branch

**Command:**

```
git checkout -b development
```

## 5. Add All Files to Staging

**Command:**

```
git add .
```

## 6. Commit Changes

**Command:**

```
git commit -m "Java 8 Commit"
```

## 7. Add Remote Repository

**Command:**

```
git remote add origin https://github.com/ashishskg/java-8.git
```

## 8. Change Remote Repository URL (Optional)

**Command:**

For java-8:

```
git remote set-url origin https://github.com/ashishskg/java-8.git
```

For java-design-pattern:

```
git remote set-url origin https://github.com/ashishskg/java-design-pattern.git
```

## 9. Push Code to Remote Branch

**Command:**

```
git push -u origin development
```

**Security Note:**

Never store GitHub Personal Access Tokens (PAT) directly in Git commands or documents. Always use HTTPS authentication, GitHub CLI, or SSH keys for secure access.