

# Uploading Your Java Program to GitHub Complete Guide

## Pre-Requisites

- 1. A GitHub account <https://github.com>
- 2. Git installed <https://git-scm.com/downloads>
- 3. Your Java file saved from Notepad (e.g., HelloWorld.java)

## Step 1: Create a New GitHub Repository

- 1. Log in to <https://github.com>
- 2. Click (top-right) New repository
- 3. Name it (e.g., JavaBasics)
- 4. Add description (optional)
- 5. Choose Public or Private
- 6. Do NOT initialize with README
- 7. Click Create Repository

## Step 2: Open Command Prompt

- Use the terminal or Git Bash on Windows.

## Step 3: Navigate to Folder with Java File

- `cd C:\Users\YourName\Desktop\JavaPrograms`

## Step 4: Initialize Git

- `git init`

## Step 5: Add Java File to Git

- `git add HelloWorld.java`

## Step 6: Commit the File

- `git commit -m "First Java HelloWorld program"`

## Step 7: Link Local Folder to GitHub

- git remote add origin <https://github.com/yourusername/JavaBasics.git>
- git branch -M main
- git push -u origin main

## Result

- Check your repository at: <https://github.com/yourusername/JavaBasics>

## Full Command Summary

- cd folder\_path
- git init
- git add HelloWorld.java
- git commit -m "First Java HelloWorld program"
- git remote add origin <https://github.com/username/repo.git>
- git branch -M main
- git push -u origin main

## Optional: GitHub Desktop Method

- 1. Open GitHub Desktop
- 2. Create new repository
- 3. Drag your Java file into the repo folder
- 4. Commit and publish to GitHub