



프로그래밍 기초 및 응용

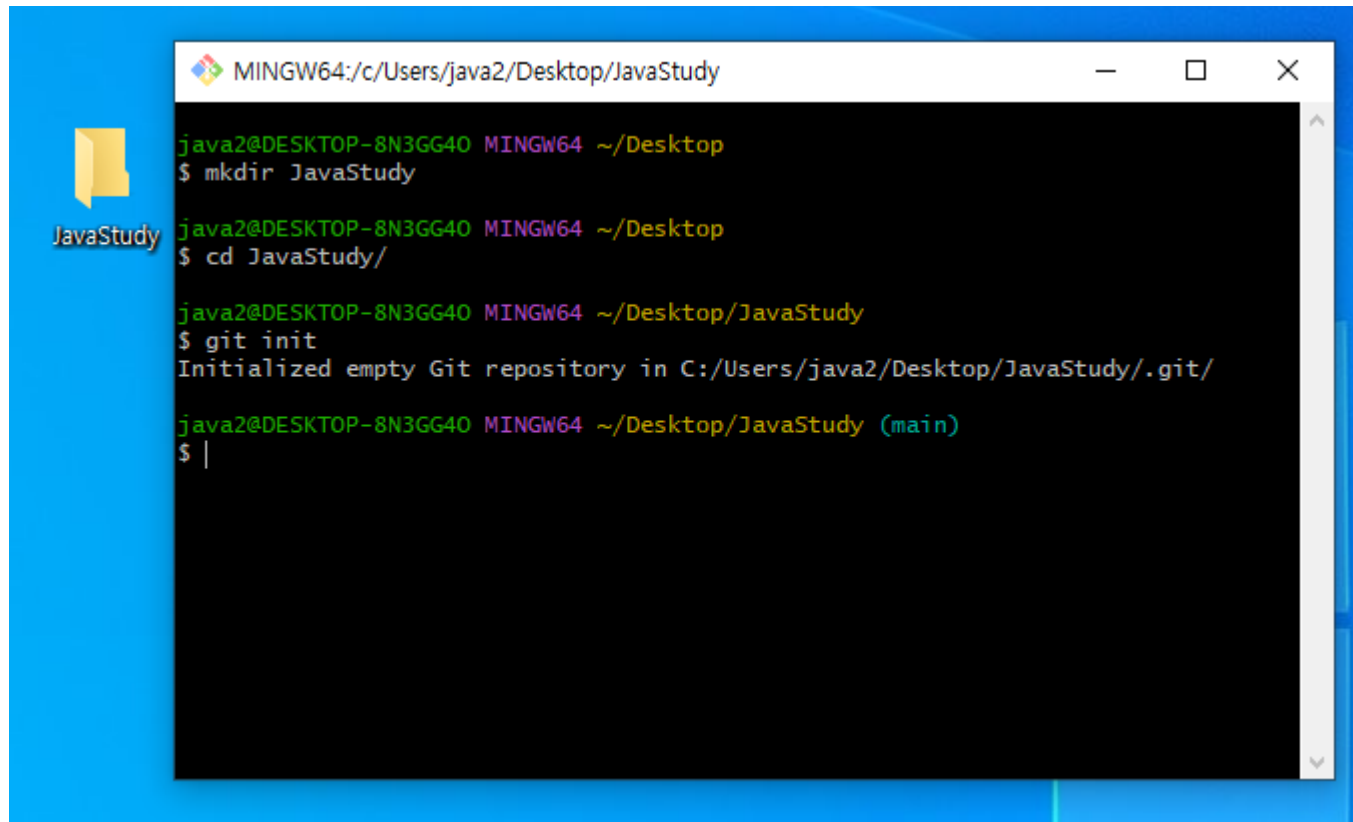
기본 개발환경 구축하기

심규영

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- 1) Git 지역 저장소 JavaStudy 생성하기
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1) GIT 지역 저장소 JAVASTUDY 생성하기



```
MINGW64:/c/Users/java2/Desktop/JavaStudy
java2@DESKTOP-8N3GG40 MINGW64 ~/Desktop
$ mkdir JavaStudy

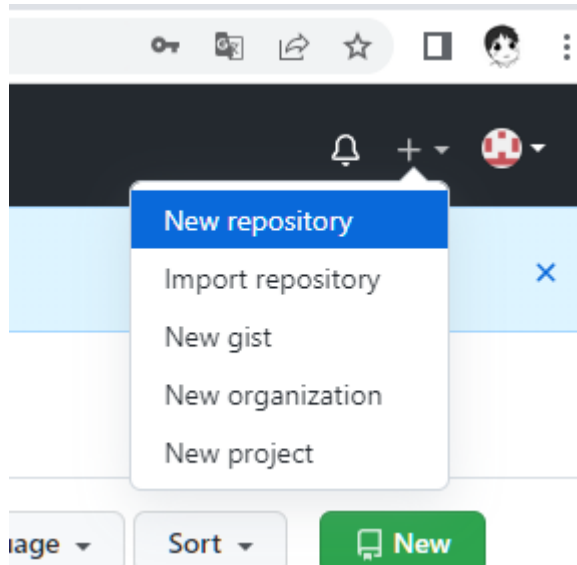
JavaStudy java2@DESKTOP-8N3GG40 MINGW64 ~/Desktop
$ cd JavaStudy/

java2@DESKTOP-8N3GG40 MINGW64 ~/Desktop/JavaStudy
$ git init
Initialized empty Git repository in C:/Users/java2/Desktop/JavaStudy/.git/

java2@DESKTOP-8N3GG40 MINGW64 ~/Desktop/JavaStudy (main)
$ |
```

1. mkdir JavaStudy
 - JavaStudy 디렉토리 생성
2. cd JavaStudy
 - JavaStudy 이동
3. Git init
 - Git 지역 저장소 생성

2) GITHUB 원격 저장소 JAVASTUDY 생성하기




1. Github 홈페이지 로그인 or 아이디 생성

2. 오른쪽 상단 New repository 클릭

3. Repository name에 JavaStudy 입력

Owner * Repository name *



 hochmun / JavaStudy ✓

4. 하단 Create repository 클릭으로 생성

Create repository

3) 지역 저장소에 원격 저장소 연결하기


Quick setup — if you've done this kind of thing before

 Set up in Desktop or **HTTPS** **SSH** 

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

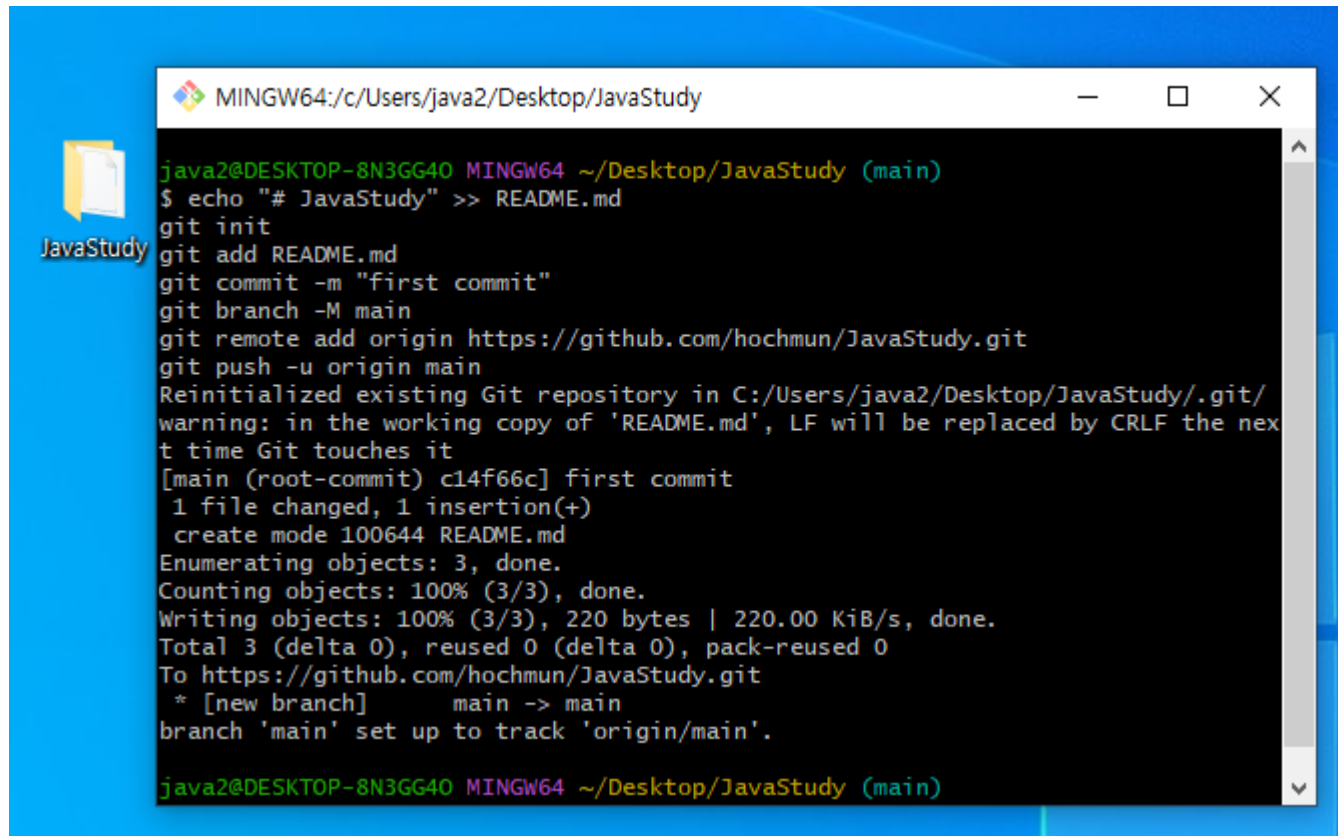
...or create a new repository on the command line

```
echo "# JavaStudy" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/hochmun/JavaStudy.git
git push -u origin main
```



1. Github의 JavaStudy에서 or create a new repository on the command line의 우측의 복사버튼을 눌러서 복사한다.

3) 지역 저장소에 원격 저장소 연결하기



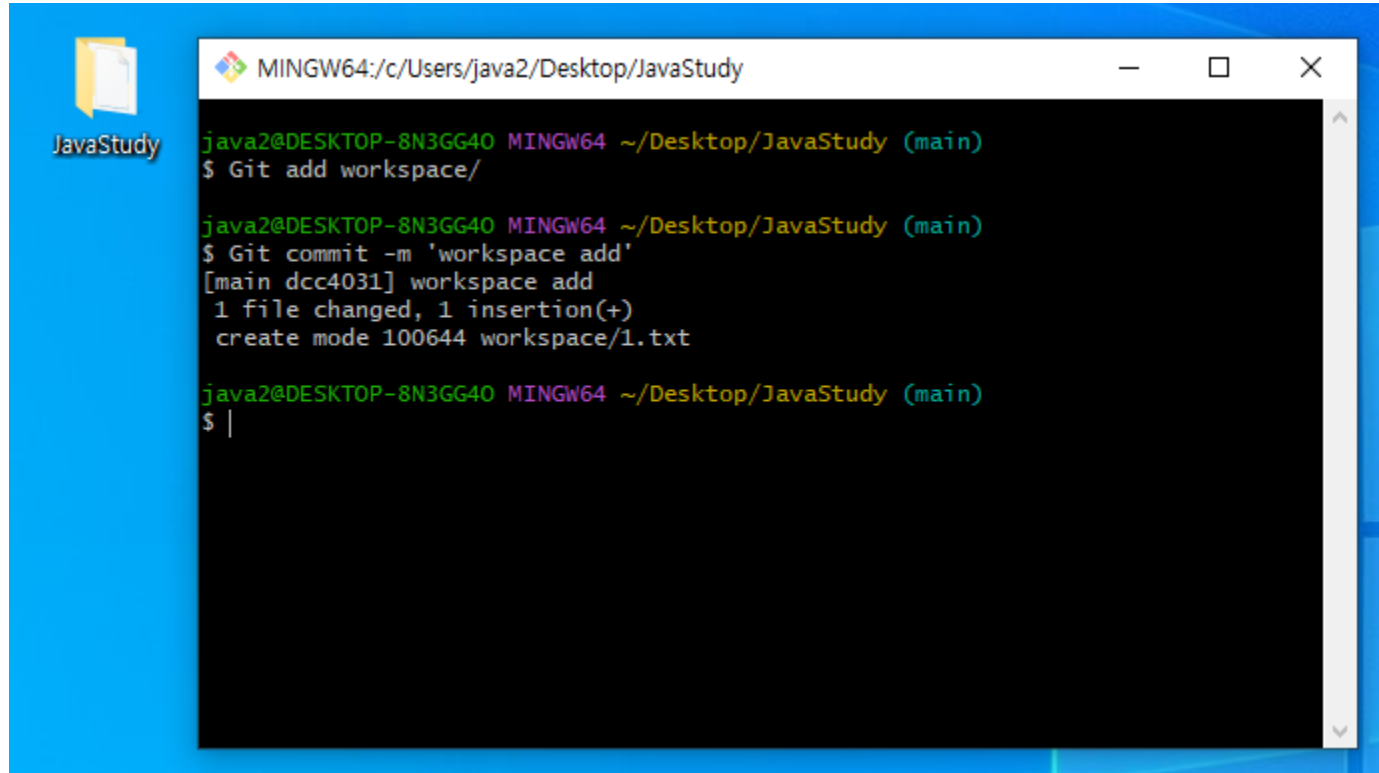
```
MINGW64:/c:/Users/java2/Desktop/JavaStudy
java2@DESKTOP-8N3GG40 MINGW64 ~/Desktop/JavaStudy (main)
$ echo "# JavaStudy" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/hochmun/JavaStudy.git
git push -u origin main
Reinitialized existing Git repository in C:/Users/java2/Desktop/JavaStudy/.git/
warning: in the working copy of 'README.md', LF will be replaced by CRLF the next time Git touches it
[main (root-commit) c14f66c] first commit
 1 file changed, 1 insertion(+)
 create mode 100644 README.md
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 220 bytes | 220.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/hochmun/JavaStudy.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

java2@DESKTOP-8N3GG40 MINGW64 ~/Desktop/JavaStudy (main)
```

2. JavaStudy 디렉토리 내에서 Git Bash를 연다.

3. 복사한 내용을 우클릭후 Paste 를 사용해 붙여넣는다.

4) ECLIPSE 작업 디렉터리(WORKSPACE)를 지역 저장소로 통합하기



The screenshot shows a terminal window titled 'MINGW64:/c/Users/java2/Desktop/JavaStudy'. The prompt is 'java2@DESKTOP-8N3GG40 MINGW64 ~/Desktop/JavaStudy (main)'. The user enters '\$ Git add workspace/' and the prompt returns. Then, the user enters '\$ Git commit -m 'workspace add'' and the output shows '[main dcc4031] workspace add' followed by '1 file changed, 1 insertion(+)' and 'create mode 100644 workspace/1.txt'. Finally, the user enters '\$' and the prompt returns.

```
MINGW64:/c/Users/java2/Desktop/JavaStudy
java2@DESKTOP-8N3GG40 MINGW64 ~/Desktop/JavaStudy (main)
$ Git add workspace/











java2@DESKTOP-8N3GG40 MINGW64 ~/Desktop/JavaStudy (main)
$ Git commit -m 'workspace add'
[main dcc4031] workspace add
1 file changed, 1 insertion(+)
create mode 100644 workspace/1.txt

java2@DESKTOP-8N3GG40 MINGW64 ~/Desktop/JavaStudy (main)
$ |
```

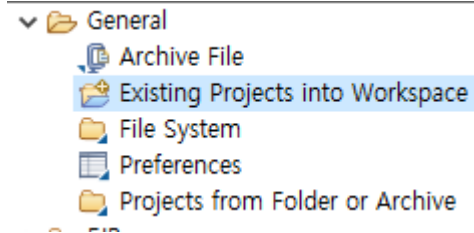
1. Git add workspace/
 - workspace 를 staging
2. Git commit -m 'Workspace add'
 - workspace 를 commit
 - 지역 저장소에 저장

5) JAVA 수업예제 CH01, CH02, CH03 프로젝트를 ECLIPSE IMPORT 하기

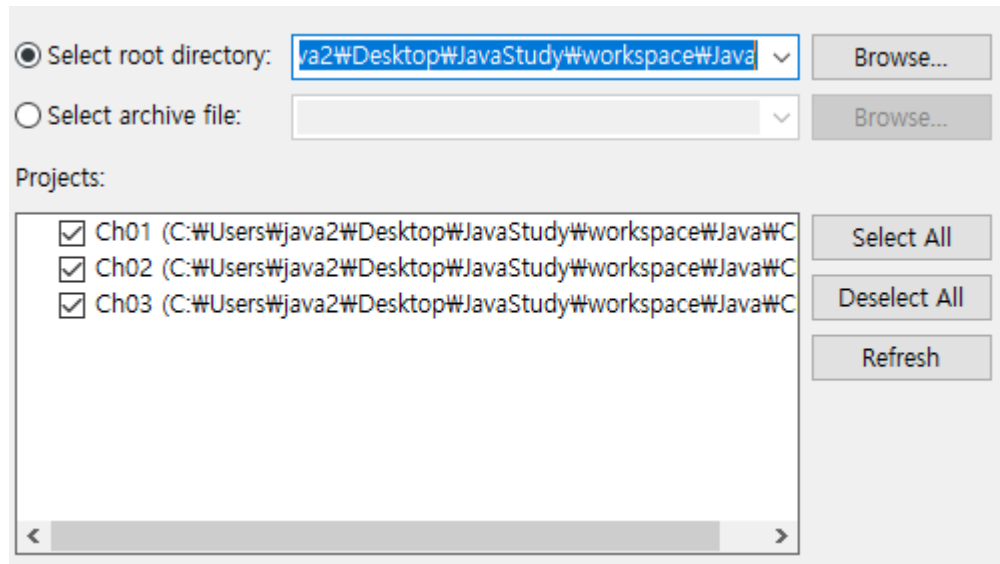
There are no projects in your workspace.
To add a project:

-  [Create a Maven project](#)
-  [Create a Java EE EAR project](#)
-  [Create a Dynamic Web project](#)
-  [Create an EJB project](#)
-  [Create a Connector project](#)
-  [Create a Java EE application client project](#)
-  [Create a generic deployable web project](#)
-  [Create a JPA project](#)
-  [Create a project...](#)
-  [Import projects...](#)

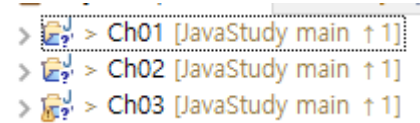
1. Eclipse 실행
2. 좌측 Import projects 클릭
3. General 에서 Existing Projects into Workspace 클릭후 next 클릭



5) JAVA 수업예제 CH01, CH02, CH03 프로젝트를 ECLIPSE IMPORT 하기



4. Browse에서 프로젝트가 있는 디렉토리 선택 후 Finish 클릭



6) 지역 저장소 CH01, CH02, CH03 프로젝트를 원격 저장소로 PUSH 하기

```
MINGW64:/c:/Users/java2/Desktop/JavaStudy
java2@DESKTOP-8N3GG40 MINGW64 ~/Desktop/JavaStudy (main)
$ Git add workspace/Java/
warning: in the working copy of 'workspace/Java/.gitignore', LF will be replaced
by CRLF the next time Git touches it
warning: in the working copy of 'workspace/Java/Ch01/bin/.gitignore', LF will be
replaced by CRLF the next time Git touches it
warning: in the working copy of 'workspace/Java/Ch02/bin/.gitignore', LF will be
replaced by CRLF the next time Git touches it
warning: in the working copy of 'workspace/Java/Ch03/bin/.gitignore', LF will be
replaced by CRLF the next time Git touches it

java2@DESKTOP-8N3GG40 MINGW64 ~/Desktop/JavaStudy (main)
$ Git commit -m 'java Ch01, Ch02, Ch03 add'
[main 65e05d5] java Ch01, Ch02, Ch03 add
24 files changed, 487 insertions(+)
create mode 100644 workspace/Java/.gitignore
create mode 100644 workspace/Java/Ch01/.classpath
create mode 100644 workspace/Java/Ch01/.project
create mode 100644 workspace/Java/Ch01/.settings/org.eclipse.core.resources.pre
fs
create mode 100644 workspace/Java/Ch01/.settings/org.eclipse.jdt.core.prefs
create mode 100644 workspace/Java/Ch01/bin/.gitignore
create mode 100644 workspace/Java/Ch01/src/sub1/HelloWorld.java
```

1. Git add workspace/java/
2. Git commit -m 'java Ch01, Ch02, Ch03 add'

6) 지역 저장소 CH01, CH02, CH03 프로젝트를 원격 저장소로 PUSH 하기

```
MINGW64:/c/Users/java2/Desktop/JavaStudy
create mode 100644 workspace/Java/Ch03/.project
create mode 100644 workspace/Java/Ch03/.settings/org.eclipse.core.resources.pre
fs
create mode 100644 workspace/Java/Ch03/.settings/org.eclipse.jdt.core.prefs
create mode 100644 workspace/Java/Ch03/bin/.gitignore
create mode 100644 workspace/Java/Ch03/src/sub1/IfTest.java
create mode 100644 workspace/Java/Ch03/src/sub2/SwitchTest.java
create mode 100644 workspace/Java/Ch03/src/sub3/ForTest.java
create mode 100644 workspace/Java/Ch03/src/sub4/WhileTest.java

java2@DESKTOP-8N3GG40 MINGW64 ~/Desktop/JavaStudy (main)
$ git push
Enumerating objects: 45, done.
Counting objects: 100% (45/45), done.
Delta compression using up to 8 threads
Compressing objects: 100% (26/26), done.
Writing objects: 100% (44/44), 7.01 KiB | 2.33 MiB/s, done.
Total 44 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/hochmun/JavaStudy.git
   c14f66c..65e05d5  main -> main

java2@DESKTOP-8N3GG40 MINGW64 ~/Desktop/JavaStudy (main)
$
```

3. Git push



hochmun java Ch01, Ch02, Ch03 add

..

Ch01

java Ch01, Ch02, Ch03 add

Ch02

java Ch01, Ch02, Ch03 add

Ch03

java Ch01, Ch02, Ch03 add

.gitignore

java Ch01, Ch02, Ch03 add