

ROLLNO:19UITE005

REG NO:920419205010

NAME:M.DHARIKA

SUBJECT:IT8711-FOSS and cloud computing laboratory

EXERCISE NO:2

```
MINGW64/c/Users/admin/JavaProgram
A4IT66+admin@A4IT66 MINGW64 ~
$ ls
3D Objects/
AppData/
'Application Data'@
Contacts/
Cookies@
Desktop/
Documents/
Downloads/
Favorites/
Links/
'Local Settings'@
Music/
'My Documents'@
NTUSER.DAT
NTUSER.DAT[{3b39e88-18c4-11ea-a811-000d3aa4692b}.TM.b1f
NTUSER.DAT[{3b39e88-18c4-11ea-a811-000d3aa4692b}.TM.Container00000000000000000000
1.regtrans-ms
NTUSER.DAT[{3b39e88-18c4-11ea-a811-000d3aa4692b}.TM.Container00000000000000000000
2.regtrans-ms
NetHood@
OneDrive/
Pictures/
PrintHood@
Recent@
'Saved Games'/
Searches/
SendTo@
'Start Menu'@
Templates@
Videos/
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini

A4IT66+admin@A4IT66 MINGW64 ~
$ git config --global user.name "Dharika"

A4IT66+admin@A4IT66 MINGW64 ~
$ git config --global user.email "dharikam29@gmail.com"

A4IT66+admin@A4IT66 MINGW64 ~
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true

MINGW64/c/Users/admin/JavaProgram
http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fsckcache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager-core
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=Dharika
user.email=dharikam29@gmail.com

A4IT66+admin@A4IT66 MINGW64 ~
$ mkdir JavaProgram

A4IT66+admin@A4IT66 MINGW64 ~
$ cd JavaProgram

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ vi Hello.java

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ export PATH=$PATH:"C:\Program Files\Java\jdk1.8.0_121\bin"

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ ls
Hello.java

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ javac Hello.java
Hello.java:3: error: <identifier> expected
    public static void main(String args[])
                        ^
1 error

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ vi Hello.java

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ export PATH=$PATH:"C:\Program Files\Java\jdk1.8.0_121\bin"

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ javac Hello.java
Hello.java:3: error: <identifier> expected
    public static void main(String args[])
                        ^
1 error

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ vi Hello.java
```

```
MINGW64/c/Users/admin/JavaProgram
$ vi Hello.java

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ export PATH=$PATH:"C:\Program Files\Java\jdk1.8.0_121\bin"

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ javac Hello.java
Hello.java:3: error: package system does not exist
    system.out.println("Hello,world from GIT");
    ^
1 error

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ vi Hello.java

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ export PATH=$PATH:"C:\Program Files\Java\jdk1.8.0_121\bin"

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ javac Hello.java

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ java Hello
Hello,world from GIT

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ ls
Hello.class  Hello.java

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ git init
git: 'init' is not a git command. See 'git --help'.

The most similar command is
    init

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram
$ git init
Initialized empty Git repository in C:/Users/admin/JavaProgram/.git/

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram (master)
$ ls -al
total 16
drwxr-xr-x 1 A4IT66+admin 197121  0 Aug 30 09:04 ./
drwxr-xr-x 1 A4IT66+admin 197121  0 Aug 30 09:03 ../
drwxr-xr-x 1 A4IT66+admin 197121  0 Aug 30 09:04 .git/
-rw-r--r-- 1 A4IT66+admin 197121 424 Aug 30 09:04 Hello.class
-rw-r--r-- 1 A4IT66+admin 197121 113 Aug 30 09:03 Hello.java

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Hello.class
    Hello.java

nothing added to commit but untracked files present (use "git add" to track)

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram (master)
$ git add Hello.java
warning: LF will be replaced by CRLF in Hello.java.
The file will have its original line endings in your working directory

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   Hello.java

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Hello.class

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram (master)
$ git commit -m "First commit"
[master (root-commit) 927ae87] First commit
1 file changed, 7 insertions(+)
create mode 100644 Hello.java

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram (master)
$ git status
On branch master

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Hello.class

nothing added to commit but untracked files present (use "git add" to track)

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram (master)
```

```
MINGW64/c/Users/admin/JavaProgram

A4IT66+admin@A4it66 MINGW64 ~/JavaProgram (master)
$ git log
commit 927ae8785bb7b2c9947f8517d1762e9028131751 (HEAD -> master)
Author: Dharika <dharika29@gmail.com>
Date: Tue Aug 30 09:06:47 2022 +0530

    First commit

A4IT66+admin@A4it66 MINGW64 ~/JavaProgram (master)
$ git log --stat
commit 927ae8785bb7b2c9947f8517d1762e9028131751 (HEAD -> master)
Author: Dharika <dharika29@gmail.com>
Date: Tue Aug 30 09:06:47 2022 +0530

    First commit

Hello.java | 7 ++++++
1 file changed, 7 insertions(+)

A4IT66+admin@A4it66 MINGW64 ~/JavaProgram (master)
$ vi Hello.java

A4IT66+admin@A4it66 MINGW64 ~/JavaProgram (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   Hello.java

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Hello.class

no changes added to commit (use "git add" and/or "git commit -a")

A4IT66+admin@A4it66 MINGW64 ~/JavaProgram (master)
$ git diff
warning: LF will be replaced by CRLF in Hello.java.
The file will have its original line endings in your working directory
diff --git a/Hello.java b/Hello.java
index f8694c2..423b92c 100644
--- a/Hello.java
+++ b/Hello.java
@@ -3,5 +3,6 @@ public class Hello
 {
     public static void main(String args[])
     {
         System.out.println("Hello,world from GIT");
         System.out.println("Changes after First commit");
     }
 }

A4IT66+admin@A4it66 MINGW64 ~/JavaProgram (master)
$ git add Hello.java
warning: LF will be replaced by CRLF in Hello.java.
The file will have its original line endings in your working directory

A4IT66+admin@A4it66 MINGW64 ~/JavaProgram (master)
$ git add Hello.class

A4IT66+admin@A4it66 MINGW64 ~/JavaProgram (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   Hello.class
        modified:   Hello.java

A4IT66+admin@A4it66 MINGW64 ~/JavaProgram (master)
$ git diff
diff --git a/Hello.class b/Hello.class
new file mode 100644
index 0000000..7a5cbb
Binary files /dev/null and b/Hello.class differ
diff --git a/Hello.java b/Hello.java
index f8694c2..423b92c 100644
--- a/Hello.java
+++ b/Hello.java
@@ -3,5 +3,6 @@ public class Hello
 {
     public static void main(String args[])
     {
         System.out.println("Hello,world from GIT");
         System.out.println("Changes after First commit");
     }
 }

A4IT66+admin@A4it66 MINGW64 ~/JavaProgram (master)
$ git add Hello.java

A4IT66+admin@A4it66 MINGW64 ~/JavaProgram (master)
$ git add Hello.class

A4IT66+admin@A4it66 MINGW64 ~/JavaProgram (master)
```

MINGW64/c/Users/admin/JavaProgram

```
A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram (master)
$ git add Hello.java

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram (master)
$ git add Hello.class

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   Hello.class
        modified:   Hello.java

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram (master)
$ git diff

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram (master)
$ git diff --staged
diff --git a/Hello.class b/Hello.class
new file mode 100644
index 0000000..7aeecbb
Binary files /dev/null and b/Hello.class differ
diff --git a/Hello.java b/Hello.java
index f8694c2..423b92c 100644
--- a/Hello.java
+++ b/Hello.java
@@ -3,3 +3,5 @@
 public static void main(String args[])
 {
     System.out.println("Hello,world from GIT");
     System.out.println("Changes after First commit");
 }

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram (master)
$ git commit -m "Second commit"
[master 9961e15] Second commit
2 files changed, 1 insertion(+)
create mode 100644 Hello.class

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram (master)
$ git status
On branch master
nothing to commit, working tree clean

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram (master)
$
```

github.com/Dharka29/sample/tree/master

Dharka29 / sample Public

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master 2 branches 0 tags [Go to file](#) [Add file](#) [Code](#)

This branch is 3 commits ahead, 1 commit behind main. [Contribute](#)

dhari29 Third commit a48d3b9 6 minutes ago 3 commits

Hello.class	Second commit	28 minutes ago
Hello.java	Third commit	6 minutes ago

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About

No description, website, or topics provided.

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```
MINGW64~/Users/admin/JavaProgram/hello-git-cloned
A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram/hello-git-cloned (main)
$ mkdir Dharika
bash: mkdir: Dharika: command not found

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram/hello-git-cloned (main)
$ cd Dharika
bash: cd: Dharika: No such file or directory

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram/hello-git-cloned (main)
$ git checkout
Your branch is up to date with 'origin/main'.

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram/hello-git-cloned (main)
$ git reset --hard HEAD
HEAD is now at 7665e89 Initial commit

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram/hello-git-cloned (main)
$ git checkout
Your branch is up to date with 'origin/main'.

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram/hello-git-cloned (main)
$ git branch develop

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram/hello-git-cloned (main)
$ git checkout develop
Switched to branch 'develop'

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram/hello-git-cloned (develop)
$ git checkout
$ ls
LICENSE  README.md

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram/hello-git-cloned (develop)
$ git checkout master
Switched to a new branch 'master'
Branch 'master' set up to track remote branch 'master' from 'origin'.

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram/hello-git-cloned (master)
$ ls
Hello.class  Hello.java

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram/hello-git-cloned (master)
$ git checkout develop
Switched to branch 'develop'

A4IT66+admin@A4IT66 MINGW64 ~/JavaProgram/hello-git-cloned (develop)
$ git rm
```

Activate Windows
Go to Settings to activate Windows.