

# How to Zip Files Using Terminal in COMP 2402

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Use the zip command in the terminal when in the root assignment folder:

```
zip -r new_folder.zip folder_1 folder_2 -x "*.DS_Store"
"*.class"
```

This will zip `folder_1` and `folder_2` and their contents [recursively, `-r` command] into a zip file named `new_folder.zip`.

The zip command will compress without the `__MACOSX` folder, which is added when using the system compressing tool. The `*.DS_Store` and `*.class` arguments are added after the `-x` command to ignore all files that have these file extensions.

## Compiling Java Using Terminal

This command will compile the java file and output any compilation errors.

```
javac PartX.java
```

## Running Java Programs Using Terminal

### Assignment 1

This command will run the compiled Java code, take the `testX-01.in` file as input and write to the `testX-01.in` file [replace X with part number].

```
java comp2402a1.PartX tests/testX-01.in tests/testX-
01.out
```

For copying and pasting

```
javac Part10.java
```

```
java comp2402a1.Part10 tests/test10-01.in tests/test10-01.out
```

```
zip -r comp2402a1.zip comp2402a1 tests -x "*.DS_Store" "*.class"
```