Java Installation Guide

1. Verify Installation with the following command.

```
java -version
```

If you do not have Java installed/ are using a version < 6, proceed with the following steps.

- 2. Download the latest version of JDK from here. At the time of writing this document, the latest version is JDK 17, and the file is "jdk-17 linux-x64 bin.tar.gz".
- 3. Extract the files

```
cd /path/to/download
tar -zxf jdk-17_linux-x64_bin.tar.gz
(replace filename accordingly)
('ls' to note the name of the extracted file)
```

4. Move the files to opt directory

```
sudo mkdir /opt/jdk
sudo mv jdk-17.0.2 /opt/jdk/
(replace `jdk-17.0.2` with the name of your extracted file)
```

5. Set Path

To set path and JAVA_HOME variable, add the following commands to your ~/.bashrc file.

```
export JAVA_HOME=/opt/jdk/jdk-17.0.2
export PATH=$PATH:$JAVA_HOME/bin
(replace `jdk-17.0.2` with the name of your extracted file)
```

To apply all changes:

source ~/.bashrc

6. Change Java Alternatives

```
update-alternatives -install /usr/bin/java java \ /opt/jdk/jdk-17.0.2/bin/java 100
```