In Fedora or Ubuntu, download Eclipse from Software Center.

Use Ubuntu 32 bit desktop version
http://releases.ubuntu.com/14.04/

Install eclipse luna
http://idroot.net/tutorials/how-to-install-eclipse-luna-on-ubuntu-14-04/
Make sure download 32 bit version.
Untar: eclipse-cpp-luna-SR2-linux-gtk.tar.gz

Since the Eclipse packages in the Ubuntu repositories are out of date, if we want to install latest releases, we are going to have to do it manually. You can just download the tar.gz file from eclipse.org.

Require JRE

sudo apt-get install openjdk-7-jre
sudo apt-get update

1. Download Eclipse. I got `eclipse-cpp-luna-SR2-linux-gtk-x86_64.tar.gz`

   Copy this tar file into home directory.

2. Extract it by executing a command line

   `cd ~`

   `tar -xvzf eclipse-cpp-luna-SR2-linux-gtk.tar.gz`

3. Move extracted eclipse folder to `/opt/ folder`

   `sudo mv eclipse /opt/`
   `(Takes a long time...)`
   `sudo chown -R root:root /opt/eclipse`
   `sudo chmod -R +r /opt/eclipse`

4. Create an eclipse executable in your user path

   `sudo touch /usr/bin/eclipse`
   `sudo chmod 755 /usr/bin/eclipse`

   Create a file named `eclipse` in `/usr/bin/` with your preferred editor (`nano`, `gedit`, `vi`...)

   `cd /usr/bin`

sudo gedit eclipse

Copy this into it

```
#!/bin/sh
export ECLIPSE_HOME="/opt/eclipse"
$ECLIPSE_HOME/eclipse $*
```

And save the file

Create a Gnome menu item

Create a file named eclipse.desktop in /usr/share/applications/ with your preferred editor (nano, gedit, vi...)

cd /usr/share/applications

sudo gedit eclipse.desktop

Copy this into it

```
[Desktop Entry]
Encoding=UTF-8
Name=Eclipse
Comment=Eclipse IDE
Exec=eclipse
Icon=/opt/eclipse/icon.xpm
Terminal=false
Type=Application
Categories=GNOME;Application;Development;
StartupNotify=true
```

And save the file

Launch Eclipse

Goto dashboard and type eclipse. Drag the eclipse icon to the toolbar.