Guidelines

[**Java Tutorial**](http://www.tutorialspoint.com/java/)

* Java Tutorial for Beginners - Learning Java in simple and easy steps : A beginner's tutorial containing complete knowledge of Java Syntax Object Oriented Language, Methods, Overriding, Inheritance, Polymorphism, Interfaces, Packages, Collections, Networking, Multi threading, Generics, Multimedia, Serialization, GUI.  
    
  Link : <http://www.tutorialspoint.com/java/>
* Java Tutorial for Beginners who take part in **front end**   
    
  Link : https://www.youtube.com/playlist?list=PLE7E8B7F4856C9B19

**Installing Java**

1.Make sure you download java SE 1.8 for the product to exhibit expected results.

2. <http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

3. Add repositorysudo add-apt-repository ppa:webupd8team/java

sudo apt-get update

4. Manually run the java installer using code  
sudo apt-get install oracle-java8-installer

5. To check the version of Java   
  
 java -version  
  
   
 6. To make sure that you are running the correct version of Java, use this command to set your choice

sudo update-alternatives --config java

[**Using Maven within the Eclipse IDE - Tutorial**](http://www.vogella.com/tutorials/EclipseMaven/article.html)

Eclipse Maven This tutorial describes the usage of Maven within the Eclipse IDE for building Java applications based on the m2e plug-in.

This is a complete video tutorial i.e., using Maven in Eclipse;   
  
Link :

[http://www.vogella.com/tutorials/EclipseMaven/article.html#example\_eclipsemavenproject\_runningthebuild](http://www.vogella.com/tutorials/EclipseMaven/article.html" \l "example_eclipsemavenproject_runningthebuild)

**Installing Eclipse**

1. Download Eclipse from the link based on your OS type 32-bit or 64-bit  
     
   Link : http://www.eclipse.org/downloads/
2. Extract Jar file to directory /opt/

open the terminal  
  
cd /opt/

sudo tar -zxvf ~/Downloads/eclipse-\*.tar.gz

3) Create a Launcher for Ecplise   
   
   
 gksudo gedit /usr/share/applications/eclipse.desktop

* 4) A text file will be opened   
     
   [Desktop Entry]  
   Name=Eclipse 4  
  Type=Application  
  Exec=/opt/eclipse/eclipse  
  Terminal=false  
  Icon=/opt/eclipse/icon.xpm  
  Comment=Integrated Development Environment  
  NoDisplay=false  
  Categories=Development;IDE;  
  Name[en]=Eclipse

**Project Management**

[**Agile Project Management with Kanban: Eric Brechner Presentation**](https://www.youtube.com/watch?v=CKWvmiY7f_g)

This video was originally published by Microsoft depicts how a project is managed professional

which motivate the team members.

***Link*** *:* <http://research.microsoft.com/apps/video/default.aspx?id=244904&l=i>   
**Link** : [*https://www.youtube.com/watch?v=CKWvmiY7f\_g*](https://www.youtube.com/watch?v=CKWvmiY7f_g)

[**Web Scraping 201: finding the API**](http://www.gregreda.com/2015/02/15/web-scraping-finding-the-api/)

* When a page is rendered client-side, scraping can be difficult. Here’s how to find the API used so you’re able to get the data needed.  
    
  Link : http://www.gregreda.com/2015/02/15/web-scraping-finding-the-api/  
    
    
  **Mockups for client and server**
* Mockups for client and server are to be enhanced   
     
  use this software for mockups and a perfect design of plan is depicted through it   
    
  **Link :** https://balsamiq.com/products/mockups/#
* Mockups intentionally makes your wireframes scream both.This is not final and I just threw this together, eliciting honest feedback, which results in better wireframes, easier-to-use features, and happier users of your product. That's what it's all about.
* Your whole team can come together around the right design using Mockups. It's so easy to learn, both clients and customers can use it ([for free](http://webdemo.balsamiq.com/) even), to describe their needs more clearly.

Learning Git   
  
Link 1 : <http://rogerdudler.github.io/git-guide/>  
Link 2 : <https://www.kernel.org/pub/software/scm/git/docs/gittutorial.html>  
  
  
How to write messages in Git  
  
Link : <http://chris.beams.io/posts/git-commit/>  
  
  
Very simple on line tool to learn Git  
  
Link : <https://try.github.io/levels/1/challenges/1>  
  
  
Download Git Graphic Tool   
  
  
 Link : https://www.sourcetreeapp.com/