* **Steps to configure NotePad++ as editor**
  + 1. Configure environment path variable under system variable and add in path variable as “C:\Program Files\Notepad++”
    2. Open git bash console and type as “notepad++ .bash\_profile”. It will open .bash\_profile file in notepad++.
    3. Type alias npp=’notepad++.exe -multiInst -nosession’ in .bash\_profile file and save and close file.
    4. Now type $ git config --global core.editor ‘’notepad++.exe -multiInst -nosession” on git bash console and you are done.
    5. Now we can open notepad++ with its alias as npp type $ npp and verify you are able to open notepad++ through console.
* **Steps to configure BeyondCompare tool (or any compare tool) with git.**

1. Configure the environment path variable under system variable and add in path variable as “C:\Program Files\Beyond Compare 4”
2. Return to git bash console and type BCompare to validate you can see the Beyond Compare tool get launched.
3. git config --global merge.tool bc3
4. git config --global mergetool.bc3.path "C:/Program Files/Beyond Compare 4/BCompare.exe"
5. git config --global mergetool.prompt false
6. git config --global diff.tool bc3
7. git config --global difftool.bc3.path " C:/Program Files/Beyond Compare 4/BCompare.exe"
8. git config --global difftool.prompt false
9. git config --global –list [ To see the list of global attributes what we have set in above command]
10. git config --global -e [ To see the same global list in editor i.e. notepad++]

* **git command to compare files with different scenario**
* To compare the working directory vs last staged area changes
  + $ git difftool
* Compare working directory vs local git (last commit in current branch)
  + $ git difftool HEAD
* Compare staged area vs local git repo last commit
  + $ git difftool --staged HEAD
* For limiting file to choose one file out of many file (working area vs staging area)
  + $ git difftool - -filename
* To see the commit log
  + $ git log - -oneline
* To see differences between any of the two commits.
  + $ git difftool commitID1 HEAD (HEAD means last commit in current branch)
  + $ git difftool HEAD HEAD^ (HEAD vs HEAD^ means last commit in current branch vs 2nd last commit in current branch)
  + $ git difftool commitId1 commitId2 (compare commit with commitId1 vs commitId2)
* Compare from central(origin/master) to local git(master)
* $ git difftool master origin/master
* **Steps to enable email notification on push events (Need admin access)**

**Click on the project you want to get notification while someone is pushing in that project.**

**On the left panel click on setting then click on Integration.**

**Then click on Emails on push on right side.**

**Then mark the checkbox based on requirement and add the recipients email id.**

**You are done.**



