Last login: Tue Feb 23 18:28:17 on ttvs000 sanketiain@Sankets-MacBook-Pro:~\$ ls -a .cups/ .bash\_history .meteorsession Applications/ Music/ .bash\_profile .duckpan/ .python27\_compiled/ Desktop/ **PaladinTem** p/ .CFUserTextEncoding .bash\_profile.pysave .emacs.d/ Documents/ Pictures/ .DS\_Store .bash\_sessions/ .matlab/ .subversion/ Downloads/ Public/ .matplotlib/ .Trash/ .cache/ .viminfo Library/ perl5/ .android/ .cpan/ .meteor/ .xslate\_cache/ Movies/ sanketjain@Sankets-MacBook-Pro:~\$ vi .bash\_profile sanketjain@Sankets-MacBook-Pro:~\$ pwd /Users/sanketiain sanketjain@Sankets-MacBook-Pro:~\$ ls Applications/ Documents/ Library/ Music/ Pictures/ perl5/ PaladinTemp/ Public/ Desktop/ Downloads/ Movies/ sanketjain@Sankets-MacBook-Pro:~\$ cd Do Documents/ Downloads/ sanketjain@Sankets-MacBook-Pro:~\$ cd Downloads/ sanketjain@Sankets-MacBook-Pro:~/Downloads\$ ls Photo0097.jpg ADE\_4.0\_Installer.dmg matlab\_R2015a\_maci64/ matlab\_R2015a\_maci64.zip Flux34-3.zip bootstrap-3.3.6-dist/ opencv-3.1.0/ FlvPlayerSetup.dmg bootstrap-3.3.6-dist.zip opency-3.1.0.zip JavaForOSX2014-001.dmg cmake-3.3.2-Darwin-x86\_64.dmg python-2.7.9-macosx10.6.pkg MathWorks/ eclipse/ useless/ PawPrint-Popup2-8-26-15.dmg index.html\* Photo0096.jpg jdk-7u71-macosx-x64.dmg

sanketjain@Sankets-MacBook-Pro:~/Downloads\$ ls ADE\_4.0\_Installer.dmg Photo0097.jpg matlab\_R2015a\_maci64/ matlab\_R2015a\_maci64.zip Flux34-3.zip bootstrap-3.3.6-dist/ opencv-3.1.0/ FlvPlayerSetup.dmg bootstrap-3.3.6-dist.zip opencv-3.1.0.zip JavaForOSX2014-001.dmg cmake-3.3.2-Darwin-x86\_64.dmg python-2.7.9-macosx10.6.pkg eclipse/ useless/ MathWorks/ PawPrint-Popup2-8-26-15.dmg index.html\* jdk-7u71-macosx-x64.dmg Photo0096.jpg sanketjain@Sankets-MacBook-Pro:~/Downloads\$ cd Opencvtrial -bash: cd: Opencvtrial: No such file or directory sanketjain@Sankets-MacBook-Pro:~/Downloads\$ mkdir Opencvtrial sanketjain@Sankets-MacBook-Pro:~/Downloads\$ ls ADE\_4.0\_Installer.dmg Photo0096.jpg jdk-7u71-macosx-x64.dmg AdobeFlashPlayer\_17\_ta\_install.dmg Photo0097.jpg matlab\_R2015a\_maci64/ Flux34-3.zip SecureW2\_JoinNow.dmg matlab\_R2015a\_maci64.zip FlvPlayerSetup.dmg bootstrap-3.3.6-dist/ opencv-3.1.0/ JavaForOSX2014-001.dmg bootstrap-3.3.6-dist.zip opencv-3.1.0.zip MathWorks/ cmake-3.3.2-Darwin-x86\_64.dmg python-2.7.9-macosx10.6.pkg Opencytrial/ eclipse/ useless/ PawPrint-Popup2-8-26-15.dmg index.html\* sanketjain@Sankets-MacBook-Pro:~/Downloads\$ cd Opencvtrial/ sanketiain@Sankets-MacBook-Pro:~/Downloads/Opencytrial\$ clear

sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial\$ vi CMakeLists.txt
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial\$ ls
CMakeLists.txt
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial\$ vi BlurImage.cpp
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial\$ ls
BlurImage.cpp CMakeLists.txt

sanketjain@Sankets-MacBook-Pro:~/Downloads\$ clear

```
-rw-r--r--
                                  0B Feb 23 19:21 BlurImage.cpp
          1 sanketjain staff
-rw-r--r-- 1 sanketjain staff
                                 0B Feb 23 19:18 CMakeLists.txt
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ pwd
/Users/sanketjain/Downloads/Opencvtrial
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ ls
BlurImage.cpp CMakeLists.txt
sanketjain@Sankets-MacBook-Pro;~/Downloads/Opencytrial$ cd ...
sanketjain@Sankets-MacBook-Pro:~/Downloads$ pwd
/Users/sanketjain/Downloads
sanketjain@Sankets-MacBook-Pro:~/Downloads$ ls
                                                                     jdk-7u71-macosx-x64.dmg
ADF 4.0 Installer.dmg
                                  Photo0096.ipa
AdobeFlashPlayer_17_ta_install.dmg Photo0097.jpg
                                                                     matlab_R2015a_maci64/
Flux34-3.zip
                                  SecureW2_JoinNow.dmg
                                                                     matlab_R2015a_maci64.zip
FlvPlaverSetup.dmg
                                  bootstrap-3.3.6-dist/
                                                                     opencv-3.1.0/
JavaForOSX2014-001.dmg
                                                                     opencv-3.1.0.zip
                                  bootstrap-3.3.6-dist.zip
                                                                     python-2.7.9-macosx10.6.pkg
MathWorks/
                                  cmake-3.3.2-Darwin-x86_64.dmg
Opencvtrial/
                                  eclipse/
                                                                     useless/
PawPrint-Popup2-8-26-15.dmg
                                  index.html*
sanketjain@Sankets-MacBook-Pro:~/Downloads$ cd ~
sanketjain@Sankets-MacBook-Pro:~$ clear
sanketjain@Sankets-MacBook-Pro:~$ ls
Applications/ Documents/ Library/
                                        Music/
                                                     Pictures/
                                                                perl5/
            Downloads/
                          Movies/
                                        PaladinTemp/ Public/
Desktop/
sanketiain@Sankets-MacBook-Pro:~$ cd Desktop/
sanketjain@Sankets-MacBook-Pro:~/Desktop$ ls
EnrollmentCertificate.pdf
                                                 The Economist audio/
Most Recent I-94.pdf
                                                 fruits.jpg
SSN.pdf
                                                 opt and job/
Sciencedirect_articles_22Feb2016_12-15-02.196/
                                                 pd/
Sciencedirect_articles_22Feb2016_12-15-02.196.zip
sanketjain@Sankets-MacBook-Pro:~/Desktop$ pwd
/Users/sanketjain/Desktop
sanketjain@Sankets-MacBook-Pro:~/Desktop$ mv fruits.jpg ~/
.CFUserTextEncoding .bash_profile.pysave .emacs.d/
                                                               .ssh/
                                                                                    Documents/
                                                                                                          Pictures/
.DS Store
                    .bash_sessions/ .matlab/
                                                                                    Downloads/
                                                                                                          Public/
                                                               .subversion/
                    .cache/
                                          .matplotlib/
                                                               .viminfo
.Trash/
                                                                                    Library/
                                                                                                          perl5/
.android/
                                         .meteor/
                                                               .xslate cache/
                                                                                    Movies/
                    .cpan/
                    .cups/
                                         .meteorsession
.bash history
                                                               Applications/
                                                                                    Music/
                                          .python27_compiled/ Desktop/
                    .duckpan/
.bash_profile
                                                                                    PaladinTemp/
sanketjain@Sankets-MacBook-Pro:~/Desktop$ mv fruits.jpg ~/
.CFUserTextEncoding .bash_profile.pysave .emacs.d/
                                                               .ssh/
                                                                                    Documents/
                                                                                                          Pictures/
                                                                                                          Public/
.DS_Store
                    .bash_sessions/ .matlab/
                                                               .subversion/
                                                                                    Downloads/
.Trash/
                    .cache/
                                         .matplotlib/
                                                               .viminfo
                                                                                     Library/
                                                                                                          perl5/
.android/
                    .cpan/
                                         .meteor/
                                                               .xslate_cache/
                                                                                     Movies/
                    .cups/
.bash_history
                                         .meteorsession
                                                               Applications/
                                                                                    Music/
.bash_profile
                    .duckpan/
                                         .python27_compiled/
                                                              Desktop/
                                                                                    PaladinTemp/
sanketjain@Sankets-MacBook-Pro:~/Desktop$ mv fruits.jpg ~/
.CFUserTextEncoding .bash_profile.pysave .emacs.d/
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                                                               .ssh/
                                                                                    Documents/
                    .bash_sessions/
                                         .matlab/
                                                               .subversion/
.DS Store
                                                                                    Downloads/
                                                                                                          Public/
                    .cache/
                                         .matplotlib/
                                                               .viminfo
                                                                                    Library/
                                                                                                          perl5/
.Trash/
                    .cpan/
                                         .meteor/
.android/
                                                               .xslate_cache/
                                                                                    Movies/
                                         .meteorsession
.bash_history
                    .cups/
                                                               Applications/
                                                                                    Music/
                                         .python27_compiled/ Desktop/
.bash_profile
                    .duckpan/
                                                                                    PaladinTemp/
sanketjain@Sankets-MacBook-Pro:~/Desktop$ mv fruits.jpg ~/Downloads/
.DS Store
                                  PawPrint-Popup2-8-26-15.dmg
                                                                     jdk-7u71-macosx-x64.dmg
                                  Photo0096.jpg
                                                                     matlab_R2015a_maci64/
.localized
ADE_4.0_Installer.dmg
                                  Photo0097.jpg
                                                                     matlab_R2015a_maci64.zip
opencv-3.1.0/
Flux34-3.zip
                                  bootstrap-3.3.6-dist/
                                                                     opencv-3.1.0.zip
FlvPlaverSetup.dmg
                                  bootstrap-3.3.6-dist.zip
                                                                     python-2.7.9-macosx10.6.pkg
JavaForOSX2014-001.dmg
                                  cmake-3.3.2-Darwin-x86_64.dmg
                                                                     useless/
MathWorks/
                                  eclinse/
Onencytrial/
                                  index.html
sanketjain@Sankets-MacBook-Pro:~/Desktop$ mv fruits.jpg ~/Downloads/Opencvtrial
sanketjain@Sankets-MacBook-Pro:~/Desktop$ clear
sanketjain@Sankets-MacBook-Pro:~/Desktop$ cd -
/Users/sanketjain
sanketjain@Sankets-MacBook-Pro:~$ ls
Applications/ Documents/ Library/
                                        Music/
                                                     Pictures/
                                                                 perl5/
Desktop/
             Downloads/
                          Movies/
                                        PaladinTemp/ Public/
sanketjain@Sankets-MacBook-Pro:~$ ~/
```

Annlications/

perl5/

Movies/

sanketiain@Sankets-MacBook-Pro:~/Downloads/Opencytrial\$ vi BlurImage.cop

sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial\$ ls

.cups/

.meteor/

.Trash/

sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial\$ ls -l

BlurImage.cpp CMakeLists.txt

total 0

```
.android/
                  .duckpan/
                                      .python27_compiled/ Desktop/
                                                                              Music/
.bash_sessions/ .emacs.d/
                                      .ssh/ Documents/
.subversion/ Downloads/
                                                                              PaladinTemp/
.cache/
                   .matlab/
                                                                              Pictures/
.cpan/
                  .matplotlib/
                                      .xslate_cache/
                                                         Library/
                                                                             Public/
sanketjain@Sankets-MacBook-Pro:~$ ~/Downloads/
-bash: /Users/sanketjain/Downloads/: is a directory
sanketjain@Sankets-MacBook-Pro:~$ cd Downloads/
sanketjain@Sankets-MacBook-Pro:~/Downloads$ ls
ADE_4.0_Installer.dmg
                                  Photo0096.jpg
                                                                      jdk-7u71-macosx-x64.dmg
                                                                      matlab_R2015a_maci64/
AdobeFlashPlayer_17_ta_install.dmg Photo0097.jpg
                                 SecureW2_JoinNow.dmg
bootstrap-3.3.6-dist/
Flux34-3.zip
                                                                      matlab_R2015a_maci64.zip
FlvPlaverSetup.dmg
                                                                      opencv-3.1.0/
                                 bootstrap-3.3.6-dist.zip
JavaForOSX2014-001.dmg
                                                                      opencv-3.1.0.zip
MathWorks/
                                  cmake-3.3.2-Darwin-x86_64.dmg
                                                                      python-2.7.9-macosx10.6.pkg
Opencvtrial/
                                 eclipse/
index.html*
                                                                       useless/
PawPrint-Popup2-8-26-15.dmg
sanketjain@Sankets-MacBook-Pro:~/Downloads$ cd Opencvtrial/
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ ls
BlurImage.cpp CMakeLists.txt fruits.jpg
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ clear
```

```
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ ls
BlurImage.cpp    CMakeLists.txt    fruits.jpg
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ vi BlurImage.cpp
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ clear
```

```
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ ls -l
total 176
-rw-r--r-- 1 sanketjain staff 612B Feb 23 19:31 BlurImage.cpp
-rw-r--r-- 1 sanketjain staff 0B Feb 23 19:18 CMakeLists.txt
-rw-r--r--@ 1 sanketjain staff 80K Feb 23 19:20 fruits.jpg
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ vi CMakeLists.txt
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ clear
```

```
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ pwd
/Users/sanketjain/Downloads/Opencvtrial
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ cd ~
sanketjain@Sankets-MacBook-Pro:~$ ls -l
total 0
                                 170B Dec 15 20:54 Applications/
drwx----
          5 sanketjain staff
drwx----+ 12 sanketjain staff
                                  408B Feb 23 19:26 Desktop/
                                 510B Feb 15 13:56 Documents/
drwx----+ 15 sanketjain staff
drwx------ 27 sanketjain staff 918B Feb 23 19:20 Downloads/
drwx------@ 55 sanketjain staff 1.8K Feb 10 10:07 Library/
drwx-----+ 36 sanketjain staff 1.2K Jan 29 15:38 Movies/
drwx-----+ 10 sanketjain staff 340B Jan 14 00:43 Music/
drwxr-xr-x 2 sanketjain staff
                                   68B Feb 9 11:04 PaladinTemp/
                                 374B Nov 17 12:26 Pictures/
drwx----+ 11 sanketjain staff
drwxr-xr-x+ 5 sanketjain staff 170B Dec 23 2014 Public/
drwxr-xr-x 5 root staff 170B Jun 11 2015 perl5/
sanketjain@Sankets-MacBook-Pro:~$ cd Applications/
sanketjain@Sankets-MacBook-Pro:~/Applications$ ls
Chrome Apps.localized/
sanketjain@Sankets-MacBook-Pro:~/Applications$ ls
Chrome Apps.localized/
sanketjain@Sankets-MacBook-Pro:~/Applications$ cd ~
sanketjain@Sankets-MacBook-Pro:~$ ls
Applications/ Documents/ Library/
                                         Music/
                                                       Pictures/
                                                                     perl5/
Desktop/
             Downloads/
                           Movies/
                                         PaladinTemp/ Public/
sanketjain@Sankets-MacBook-Pro:~$ cd Downloads/
sanketjain@Sankets-MacBook-Pro:~/Downloads$ clear
sanketiain@Sankets-MacBook-Pro:~/Downloads$ ls
ADE 4.0 Installer.dmg
                                                                       jdk-7u71-macosx-x64.dma
                                  Photo0096.jpg
AdobeFlashPlayer_17_ta_install.dmg Photo0097.jpg
                                                                       matlab_R2015a_maci64/
Flux34-3.zip
                                   SecureW2 JoinNow.dma
                                                                       matlab R2015a maci64.zip
FlvPlaverSetup.dmg
                                   bootstrap-3.3.6-dist/
                                                                       opencv-3.1.0/
JavaForOSX2014-001.dmg
                                   bootstrap-3.3.6-dist.zip
                                                                       opencv-3.1.0.zip
MathWorks/
                                   cmake-3.3.2-Darwin-x86_64.dmg
                                                                       python-2.7.9-macosx10.6.pkg
Opencytrial/
                                   eclipse/
                                                                       useless/
PawPrint-Popup2-8-26-15.dmg
                                   index.html*
sanketjain@Sankets-MacBook-Pro:~/Downloads$ cd Opencvtrial/
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ ls
BlurImage.cpp CMakeLists.txt fruits.ipg
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ ls -l
total 184
-rw-r--r-- 1 sanketjain staff
                                 612B Feb 23 19:31 BlurImage.cpp
                                225B Feb 23 19:32 CMakeLists.txt
-rw-r--r-- 1 sanketjain staff
-rw-r--r-@ 1 sanketjain staff
                                  80K Feb 23 19:20 fruits.jpg
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ /Applications/CMake.app/Contents/bin/cmake.
-- The C compiler identification is AppleClang 7.0.2.7000181
-- The CXX compiler identification is AppleClang 7.0.2.7000181
-- Check for working C compiler: /Applications/Xcode.app/Contents/Developer/Toolchains/XcodeDefault.xctoolchain/usr/bin/
cc -- works
-- Detecting C compiler ABI info
-- Detecting C compiler ABI info - done
-- Detecting C compile features
```

sanketiain@Sankets-MacBook-Pro:~/Downloads/Opencytrial\$ ls -l

-rw-r--r-- 1 sanketjain staff 612B Feb 23 19:31 BlurImage.cpp -rw-r--r-- 1 sanketjain staff 225B Feb 23 19:32 CMakeLists.txt

80K Feb 23 19:20 fruits.jpg

total 184

-rw-r--r-@ 1 sanketjain staff

```
-- Detecting C compile features - done
-- Check for working CXX compiler: /Applications/Xcode.app/Contents/Developer/Toolchains/XcodeDefault.xctoolchain/usr/bi
n/c++
 -- Check for working CXX compiler: /Applications/Xcode.app/Contents/Developer/Toolchains/XcodeDefault.xctoolchain/usr/bi
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- Configuring done
-- Generating done
-- Build files have been written to: /Users/sanketjain/Downloads/Opencvtrial
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ ls
                                                                             Makefile
BlurImage.cpp
                                                                                                                                 fruits.jpg
                                        CMakeFiles/
CMakeCache.txt
                                          CMakeLists.txt
                                                                                      cmake_install.cmake
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ clear
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ ls
                                    CMakeFiles/
BlurImage.cpp
                                                                                 Makefile
                                                                                                                                 fruits.ipa
                                                                                     cmake_install.cmake
                                          CMakeLists.txt
CMakeCache.txt
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ ls -l
total 240
                         1 sanketiain staff 612B Feb 23 19:31 BlurImage.cop
-rw-r--r--
-rw-r--r-- 1 sanketjain staff 14K Feb 23 19:41 CMakeCache.drwxr-xr-x 15 sanketjain staff 510B Feb 23 19:41 CMakeFiles/
-rw-r--r--
                                                                        14K Feb 23 19:41 CMakeCache.txt
-rw-r--r-- 1 sanketjain staff 225B Feb 23 19:32 CMakeLists.txt
-rw-r--r-- 1 sanketjain staff 4.9K Feb 23 19:41 Makefile
-rw-r--r-- 1 sanketjain staff 1.2K Feb 23 19:41 cmake_install.cmake
-rw-r--r-@ 1 sanketjain staff 80K Feb 23 19:20 fruits.jpg
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ make
Scanning dependencies of target BlurImage
[ 50%] Building CXX object CMakeFiles/BlurImage.dir/BlurImage.cpp.o
[100%] Linking CXX executable BlurImage
[100%] Built target BlurImage
sanketiain@Sankets-MacBook-Pro:~/Downloads/Opencytrial$ ls -1
total 312
14K Feb 23 19:41 CMakeCache.txt
                                                                     510B Feb 23 19:43 CMakeFiles/
drwxr-xr-x 15 sanketjain staff
-rw-r--r- 1 sanketjain staff 225B Feb 23 19:32 CMakeLists.txt
-rw-r--r--
                                                                       4.9K Feb 23 19:41 Makefile
                         1 sanketjain staff
                        1 sanketjain staff 1.2K Feb 23 19:41 cmake_install.cmake
-rw-r--r-@ 1 sanketjain staff
                                                                        80K Feb 23 19:20 fruits.jpg
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ ls -lh
total 312
-rwxr-xr-x
                       1 sanketjain staff
                                                                         36K Feb 23 19:43 BlurImage*
-rw-r--r- 1 sanketjain staff 612B Feb 23 19:31 BlurImage.cpp
-rw-r--r- 1 sanketjain staff 14K Feb 23 19:41 CMakeCache.tx
                                                                        14K Feb 23 19:41 CMakeCache.txt
drwxr-xr-x 15 sanketjain staff 510B Feb 23 19:43 CMakeFiles/
-rw-r--r-- 1 sanketjain staff 225B Feb 23 19:32 CMakeLists.txt
-rw-r--r--
                        1 sanketjain staff
                                                                     4.9K Feb 23 19:41 Makefile
-rw-r--r--
                         1 sanketjain staff
                                                                       1.2K Feb 23 19:41 cmake_install.cmake
-rw-r--r--@ 1 sanketjain staff
                                                                        80K Feb 23 19:20 fruits.jpg
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ clear
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ ./BlurImage fruits.jpg
^ C
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ echo hi
hί
sanketjain@Sankets-MacBook-Pro;~/Downloads/Opencytrial$ echo $path
sanketjain@Sankets-MacBook-Pro; ~/Downloads/Opencytrial$ exho $PATH
-bash: exho: command not found
sanketjain @ Sankets-MacBook-Pro: {\tt \sim/Downloads/Opencvtrial} \$ \ eCho \ \$PATH
/Library/Frameworks/Python. framework/Versions/2.7/bin:/Library/Frameworks/Python. frameworks/Python. frameworks/Py
meworks/Python.framework/Versions/2.7/bin:/usr/local/bin:/usr/bin:/usr/sbin:/sbin
sanketjain@Sankets-MacBook-Pro; ~/Downloads/Opencytrial$ echo $PATH
/Library/Frameworks/Python.framework/Versions/2.7/bin:/Library/Frameworks/Python.framework/Versions/2.7/bin:/Library/Frameworks/Python.framework/Versions/2.7/bin:/Library/Frameworks/Python.framework/Versions/2.7/bin:/Library/Frameworks/Python.framework/Versions/2.7/bin:/Library/Frameworks/Python.framework/Versions/2.7/bin:/Library/Frameworks/Python.framework/Versions/2.7/bin:/Library/Frameworks/Python.framework/Versions/2.7/bin:/Library/Frameworks/Python.framework/Versions/2.7/bin:/Library/Frameworks/Python.framework/Versions/2.7/bin:/Library/Frameworks/Python.framework/Versions/2.7/bin:/Library/Frameworks/Python.framework/Versions/2.7/bin:/Library/Frameworks/Python.framework/Versions/2.7/bin:/Library/Frameworks/Python.framework/Versions/2.7/bin:/Library/Frameworks/Python.framework/Versions/2.7/bin:/Library/Frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.frameworks/Python.fra
meworks/Python.framework/Versions/2.7/bin:/usr/local/bin:/usr/bin:/usr/sbin:/sbin:/sbin
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ $a = 5
 -bash: =: command not found
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ $a=5
 -bash: =5: command not found
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ a=5
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ echo a
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$ echo $a
sanketjain@Sankets-MacBook-Pro:~/Downloads/Opencvtrial$
```