```
1    --> Ubuntu Commands
2
3
4    //---Basics
5    man          //Manual
6    ls           //List all files and directories
7    ls - l       //Lists files with permissions
8    ls -a        //list hidden files and directories
9    who am i     //Unser name
10   pwd          //Present working directory
11   cd 'path'    //Change Path
12   cd ..        //Go back
13   cd / or ~    //Go to root directory
14   history      //History of previous commands
15   pipe = "|"   //can use output of one comand as
16                  - input for another command
17
18   //---Process-commands
19   ps                    //Show Processes
20   sleep'value'          //sleep doest nothing
21   kill 'pid'            //Kill process
22   killall               //Kill all processes
23   killall -9            //Kill all processes except root
24   //run-in-background/foreground
25   'command'&            //& at the end to run in BG
26   fg 'process name'     //Bring to foreground
27
28
29   //---Downloading-package
30   sudo apt-get install "package name"
31
32
33   //Adding user
34   sudo useradd -p "password" "user name"
35
36   //Deleting user
37   sudo userdel -r "user name"
38
39   sudo cat "file name"    //Display previllaged file contents
40
41   cat "file name"         //Display file contents
42
43   head "file name"        //Display first 10 lines of a file
44
45   tail "file name"        //Display last 10 lines of a file
46
47   touch "file name"       //Create a file
48
49   echo "text"             //prints the entered string
50
51   mkdir "name"            //Create directory/folder
52
53   rmdir "file name"       //Delete directory/folder
54
55   //copy directories
56   cp -r "folder path" "new folder path and name"
57
58   rm "filename"           //Delete file
59
60   //Copy files
61   cp "filename to copy" "new filename"
62
63   //Rename files
64   mv "old filename" "new filename"
65
66   cmp "file1" "file2"     //compares files
67
68   wc "filename"           //Word Count
69
70   //extra options for lines, characters and words
71   wc [ -l / -c / -w ]
72
73   nl "filename"           //Print number of lines
74
75   sort "filename"         //sort file contents -r to reverse
76
77   grep "pattern" "filename"  //search for pattern in file
78
79   sudo renice -n "value" -p "PID"     //change priority
80
81   crontab -e                          //Schedule Tasks (e = edit)
82
83
84   //---CHMOD-command
85   syntax -> chmod 'type'=/+/-'permissions' "filename"
86
87   types ->    u = Owner/file creator
88               g = Group
89               o = Other
90               a = All
91
92   permissions ->  1 / x = Execute
93                   2 / w = Write
94                   4 / r = Read
95                   7 = all permissions
96   [can be combined to give/remove multiple permissions]
97
98   examples ->
99               //give read permission to group
100              chmod g+r "test.txt"
101
102              //give Write permission to other
103              chmod g+w "test.txt"
104
105              //give all permission to owner
106              chmod u+xrw "test.txt"
107
108
109  //---File-Compression
110  gzip -> gzip "filename to compress" "filename.gz"     //Compresses
111          gzip -d "filename"                            //Decompress
112
113  bzip2 -> bzip2 "filename to compress" "filename.bz2"  //Compresses
114          bzip2 -d "filename"                           //Decompress
115
116  zip ->  zip "filename.zip" "filename to compress"     //Compresses
117          unzip "filename.zip"                          //Decompress
118
119  //---Archive-Utility
120  tar ->  tar -zcvf "name.tgz" "filename"
121          tar -jcvf "name.tgz" "filename"
```