Alexandria University

Faculty of Engineering

Computer and Systems Engineering Department

Report lab 1

Simple Shell

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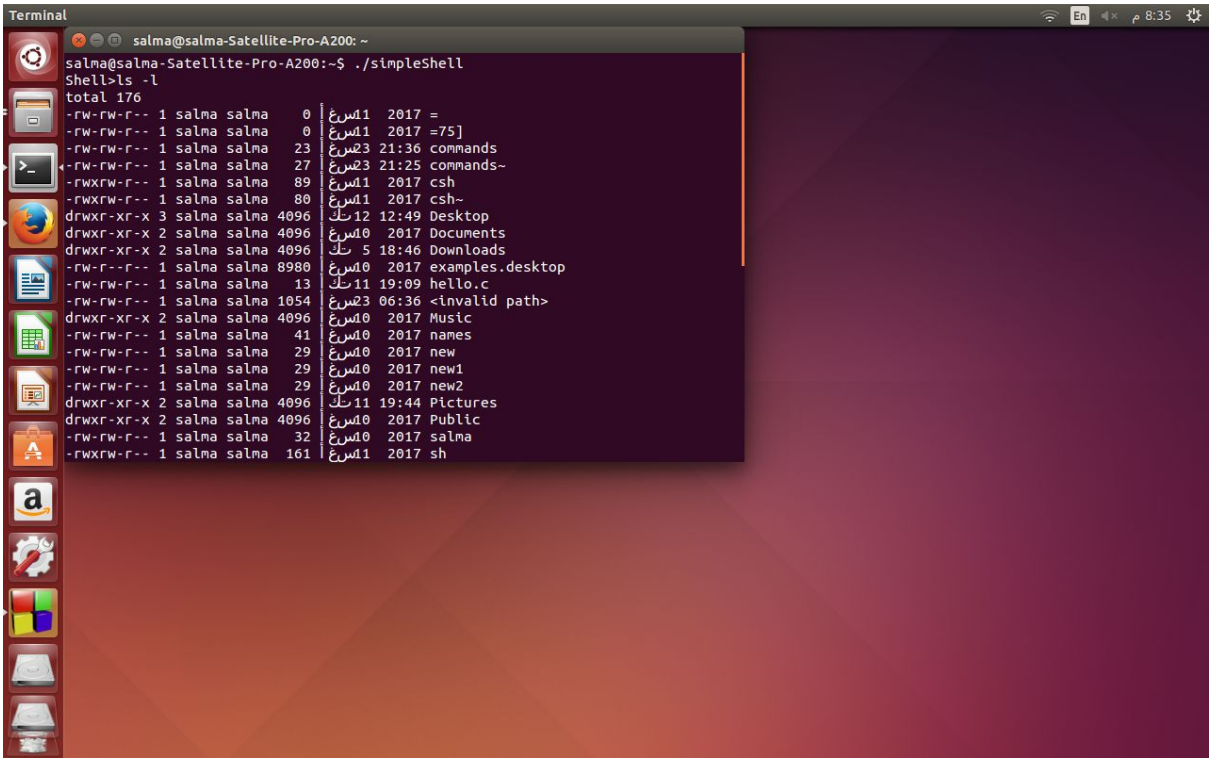
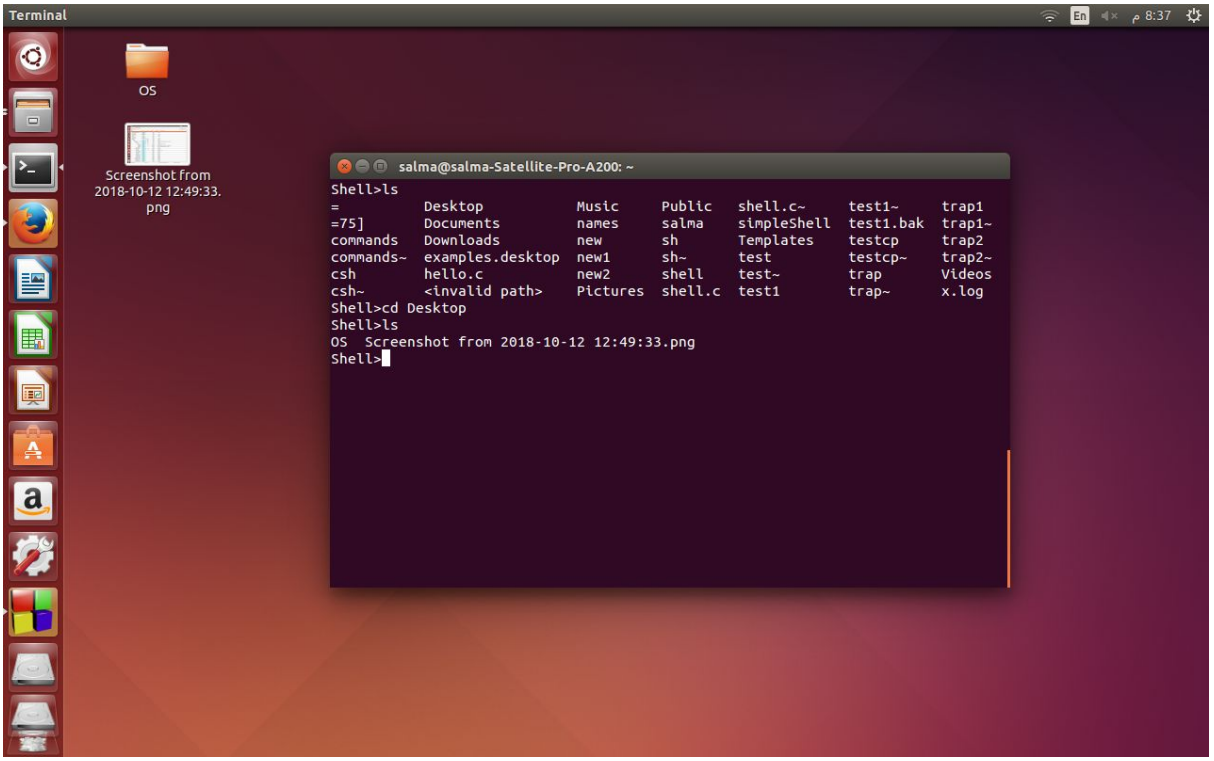
- Description

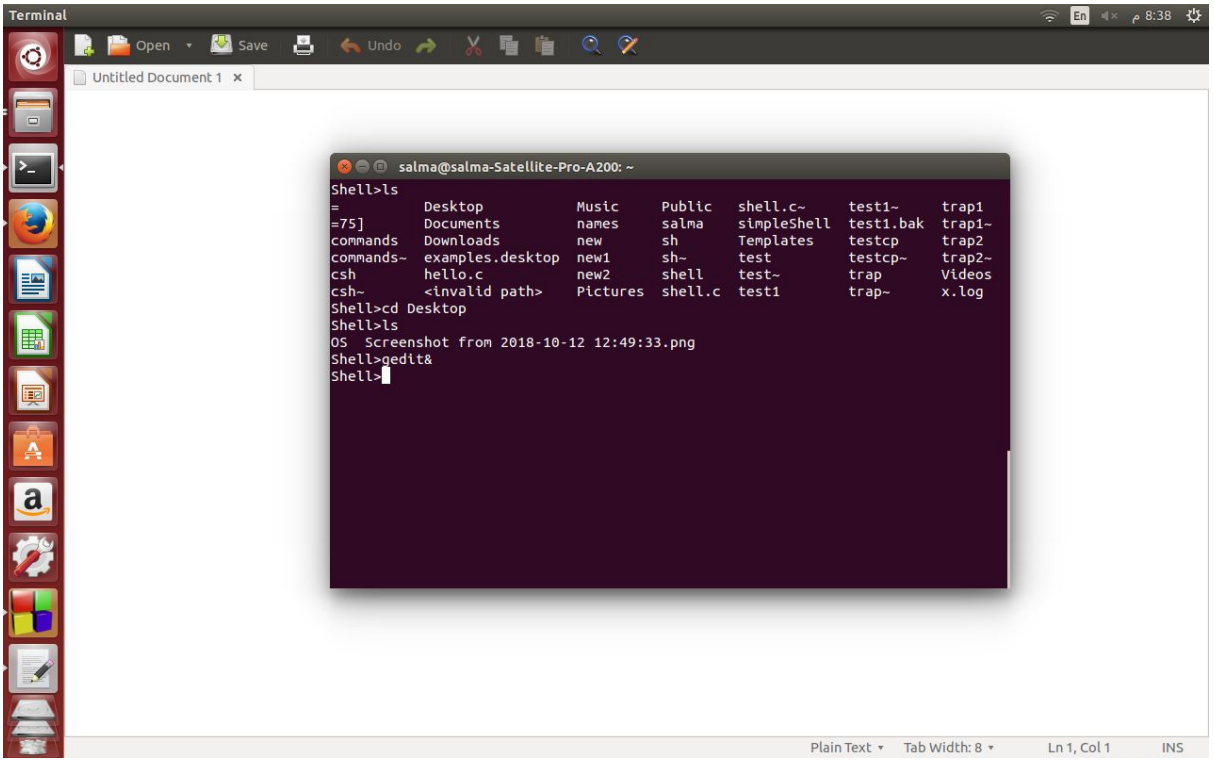
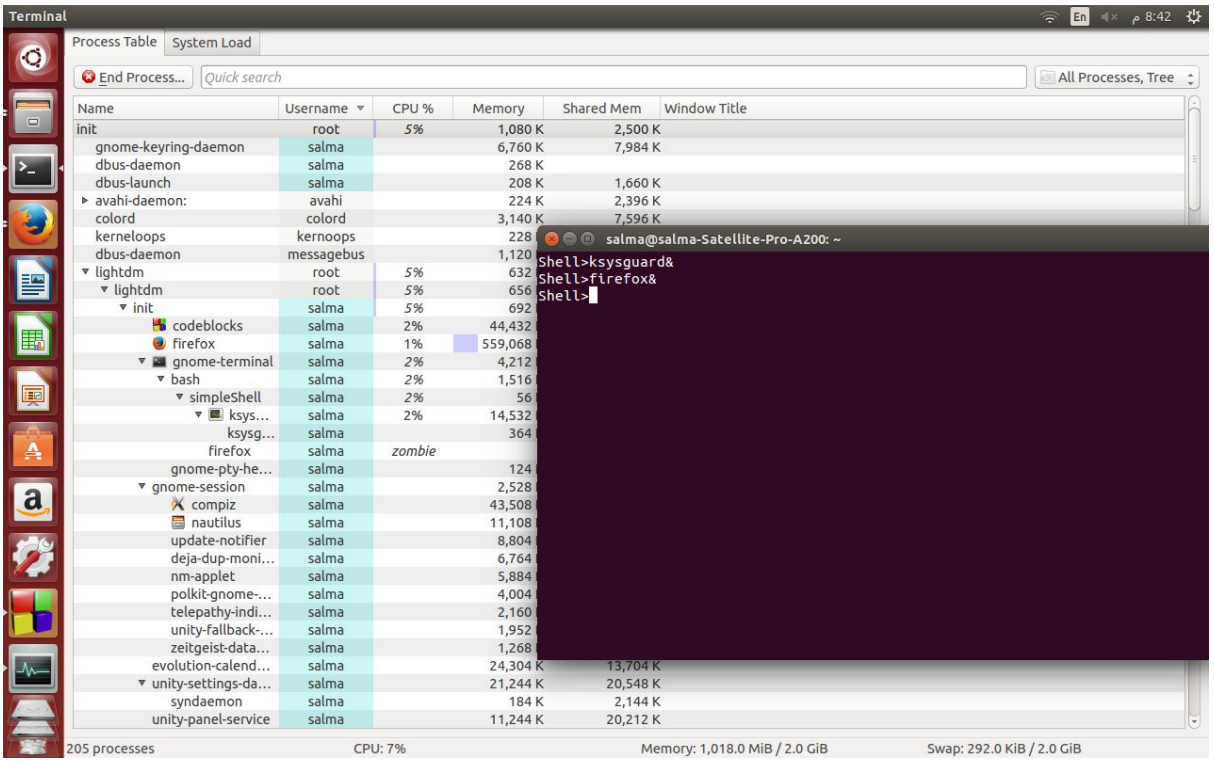
  The program consists of while loop which call main functions such as “parsing”,”process”,”background” and “cdCommand”.

  It starts with reading the command then parse it, then if the command ends with ‘&’ sign, we call background function. Else we call process function.

- Sample runs




Terminal
En
8:37
OS
Screenshot from 2018-10-12 12:49:33.png
salma@salma-Satellite-Pro-A200: ~
Shell>ls
=	Desktop	Music	Public	shell.c~	test1~	trap1
=75]	Documents	names	salma	simpleShell	test1.bak	trap1~
commands	Downloads	new	sh	Templates	testcp	trap2
commands~	examples.desktop	new1	sh~	test	testcp~	trap2~
csh	hello.c	new2	shell	test~	trap	Videos
csh~	<invalid path>	Pictures	shell.c	test1	trap~	x.log
Shell>cd Desktop
Shell>ls
OS Screenshot from 2018-10-12 12:49:33.png
Shell>


Terminal
En
8:38
Open
Save
Undo
Untitled Document 1
salma@salma-Satellite-Pro-A200: ~
Shell>ls
=	Desktop	Music	Public	shell.c~	test1~	trap1
=75]	Documents	names	salma	simpleShell	test1.bak	trap1~
commands	Downloads	new	sh	Templates	testcp	trap2
commands~	examples.desktop	new1	sh~	test	testcp~	trap2~
csh	hello.c	new2	shell	test~	trap	Videos
csh~	<invalid path>	Pictures	shell.c	test1	trap~	x.log
Shell>cd Desktop
Shell>ls
OS Screenshot from 2018-10-12 12:49:33.png
Shell>gedit&
Plain Text
Tab Width: 8
Ln 1, Col 1
INS

- ScreenShot from KSysguard