## 1) How to set proxy on terminal in Linux environment :

There are two way to set the proxy on terminal, they are as shown below :

#### a) Using export command

\$ export http\_proxy=http://ldap\_userid:ldap\_passwd@172.31.1.4:8080 \$ export https\_proxy=https://ldap\_userid:ldap\_passwd@172.31.1.4:8080 \$ export ftp\_proxy=ftp://ldap\_userid:ldap\_passwd@172.31.1.4:8080

#### b) Using apt.conf file

Create a file name as apt.conf with following content

```
Acquire::http::Proxy "http:// ldap_userid:ldap_passwd @proxy_address:8080/";
Acquire::https::Proxy "https:// ldap_userid:ldap_passwd @
proxy_address:8080/";
Acquire::ftp::Proxy "ftp:// ldap_userid:ldap_passwd
@proxy address:8080/";
```

In proxy address type ip such as: 172.31.1.4 or 172.31.1.3

Save this file in /apt/conf folder using following command

\$ sudo cp apt.conf /etc/apt/

# 2) Setting Environment variable of iverilog in window

Environment variable gives the facility to access the executable code from any working directory/folder of command prompt.

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	Name	Date modified	Туре	Size			
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lownloads	III atkwave	18-12-2009 01:11	Application	5.855 KB			
locuments 🖈	gtkwave-3.2.1	20-05-2009 22:11	Application	5,177 KB			
ictures 🖈	history5.dll	12-11-2006 16:51	Application extens	21 KB			
DVFS	iconv.dll	23-05-2003 23:45	Application extens	872 KB			
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law Volume (Er)	📧 iverilog	12-02-2010 22:11	Application	63 KB			
	📧 iverilog-vpi	12-02-2010 22:11	Application	16 KB			
204-AUVES-1	🗟 jpeg62.dll	15-05-2005 18:08	Application extens	125 KB			
eDrive	libatk-1.0-0.dll	23-09-2007 20:13	Application extens	102 KB			
	libcairo-2.dll	15-01-2008 16:15	Application extens	528 KB			
SPC	libgdk_pixbuf-2.0-0.dll	29-01-2008 14:24	Application extens	205 KB			
lesktop	libgdk-win32-2.0-0.dll	29-01-2008 14:24	Application extens	625 KB			
locuments	libglib-2.0-0.dll	08-01-2008 14:28	Application extens	782 KB			
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ictures	libgthread-2.0-0.dll	08-01-2008 14:28	Application extens	22 KB			
ideos	libgtk-win32-2.0-0.dll	29-01-2008 14:24	Application extens	3,665 KB			
ocal Disk (C)	libpango-1.0-0.dll	11-01-2008 03:05	Application extens	226 KB			
SP Drive (Dr)	libpangocairo-1.0-0.dll	11-01-2008 03:05	Application extens	39 KB			
ISD Drive (D:)	libpangoft2-1.0-0.dll	11-01-2008 03:05	Application extens	228 KB			
łew Volume (F:)	libpangowin32-1.0-0.dll	11-01-2008 03:05	Application extens	58 KB			
B Drive (D:)	libpng13.dll	04-12-2004 04:09	Application extens	199 KB			
	iibtiff3.dll	28-03-2006 14:50	Application extens	368 KB			
twork	mingwm10.dll	28-11-2009 02:12	Application extens	20 KB			
	readline5.dll	12-11-2006 16:51	Application extens	136 KB			
	simple.vvp	23-01-2019 19:21	VVP File	2 KB			

# 2) Click on the address bar and copy the path

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Documents	libglib-2.0-0.dll	08-01-2008 14:28	Application extens	782 KB			
Downloads	libgmodule-2.0-0.dll	08-01-2008 14:28	Application extens	17 KB			
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Pictures	libgthread-2.0-0.dll	08-01-2008 14:28	Application extens	22 KB			
Videos	libgtk-win32-2.0-0.dll	29-01-2008 14:24	Application extens	3,665 KB			
Local Disk (C:)	libpango-1.0-0.dll	11-01-2008 03:05	Application extens	226 KB			
USB Drive (D:)	libpangocairo-1.0-0.dll	11-01-2008 03:05	Application extens	39 KB			
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# 3) Open the environment setting dialog by following the path "This\_PC>SystemPrpoerties>Advance Setting>Advanced>Environment Variable>

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4) Open the "Path" System variable and edit one more entries for Iverilog binary like as below

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### How to run a module

1) Open the command prompt & go to the directory/folder where module is defined

2) Compile the module like as : *iverilog -o binary\_file modulefile test\_benchfile*3) Run as : *vvp binary\_file* 

Note:- If your iverilog folder is in some other directory is other than C: drive then change your working directory to the corresponding directory where iverilog has been created ( iverilog folder is present) in the command prompt. For example my iverilog directory is in F: drive while my working directory is C: then I would change my working directory from C: to F: as shown below :



# 3) Without setting Environment Variable

i) Open command prompt ( *window\_key+r > type cmd > enter\_key*)

ii) Traverse to the directory where iverilog is installed like as : cd C:\iverilog



- 1) Create your own working folder (say ICOA)
- 2) Compile as : *iverilog -o simpleand.vvp ICOA\modue.v ICOA\test\_bench.v*

Run as : vvp simpleand.vvp

