

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

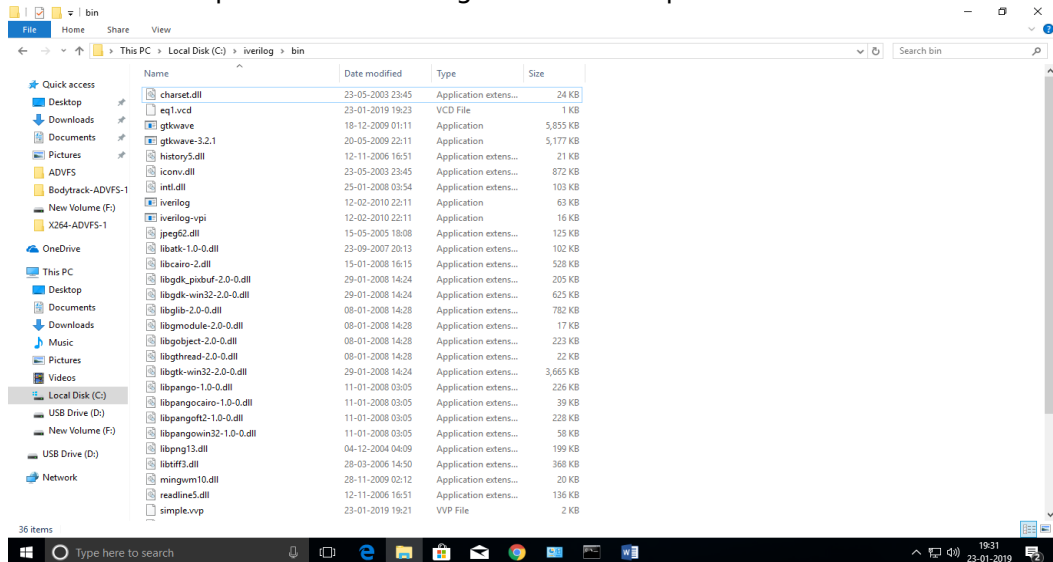
Save this file in /apt/conf folder using following command

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

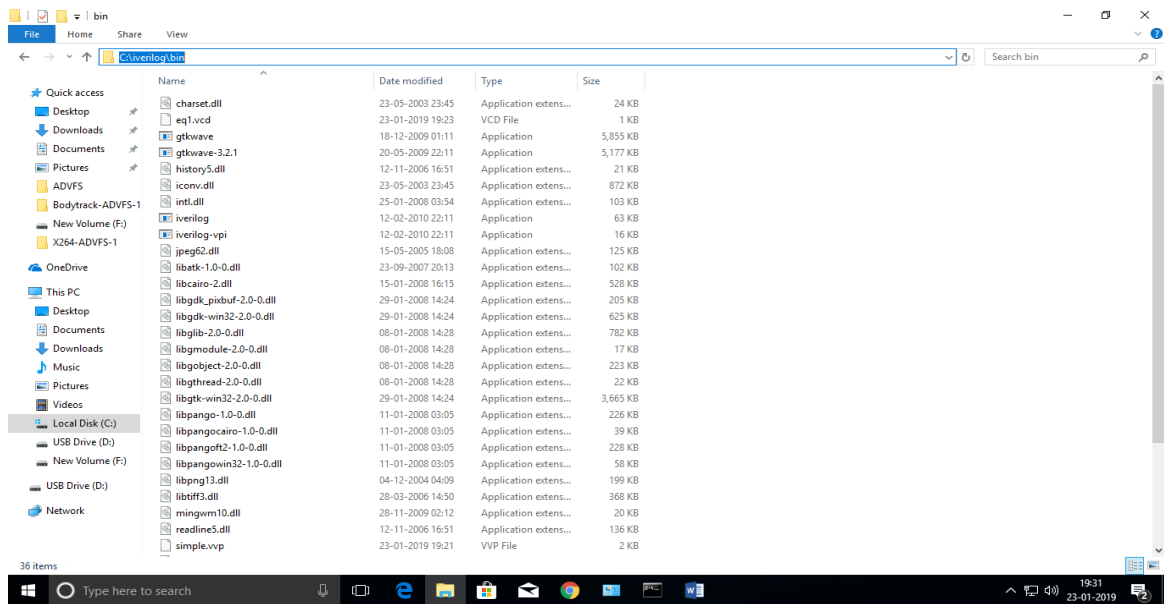
2) Setting Environment variable of iverilog in window

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

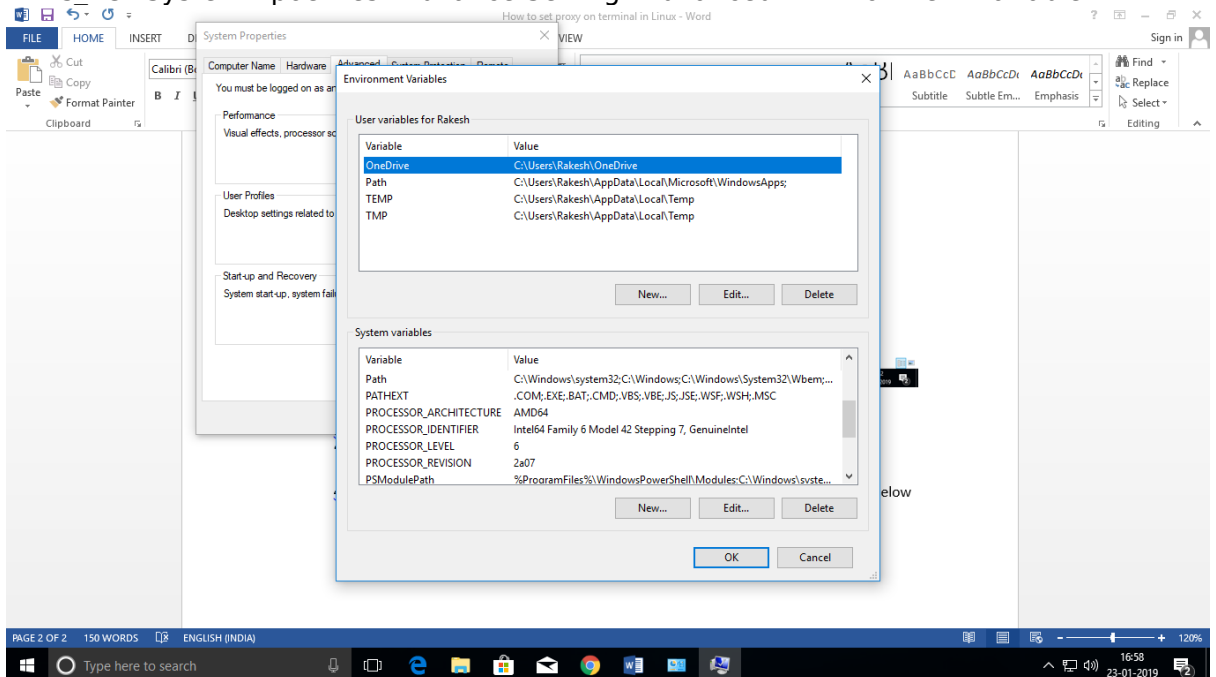
First locate the path where iverilog executable is present



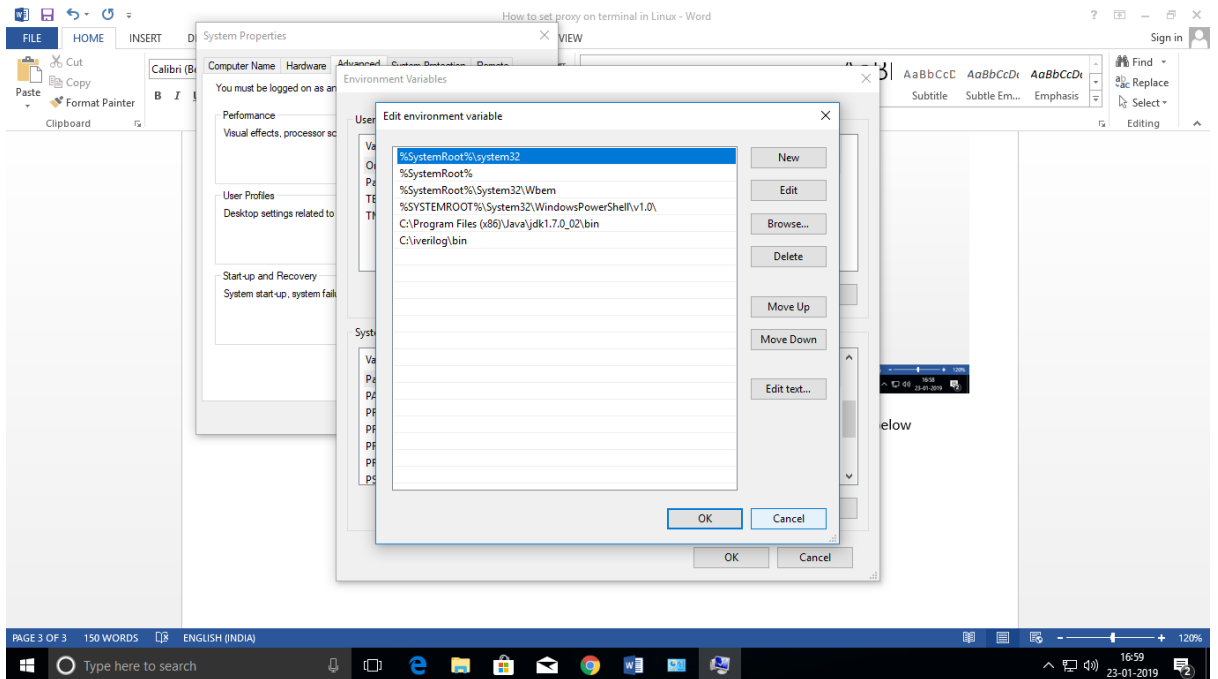
2) Click on the address bar and copy the path



3) Open the environment setting dialog by following the path "This PC>System Properties>Advanced Setting>Advanced>Environment Variable"



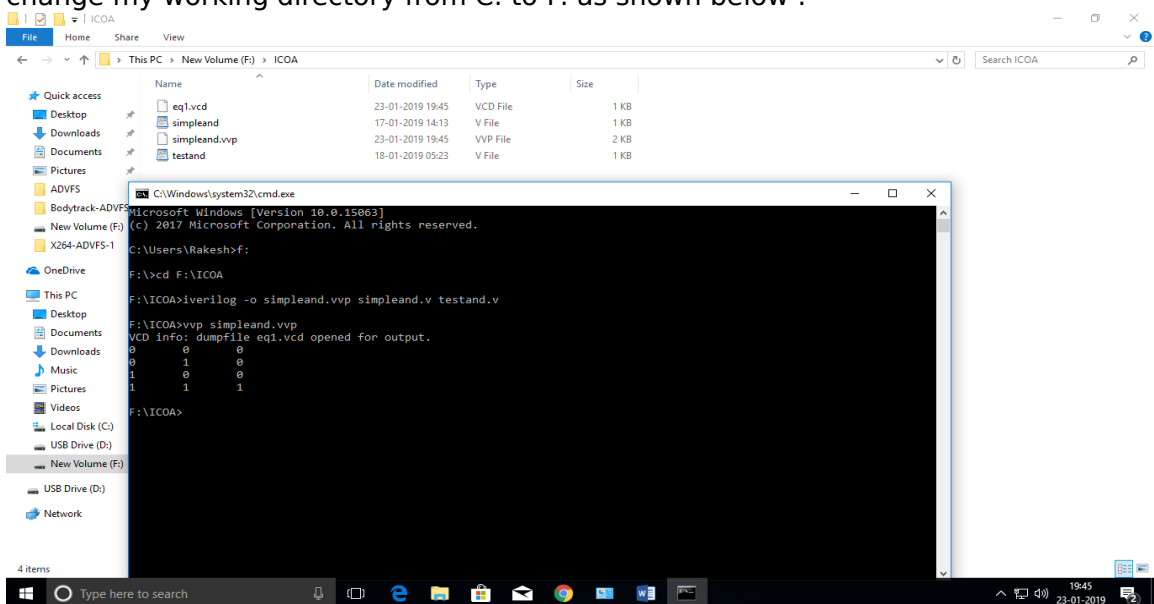
4) Open the “Path” System variable and edit one more entries for Iverilog binary like as below



How to run a module

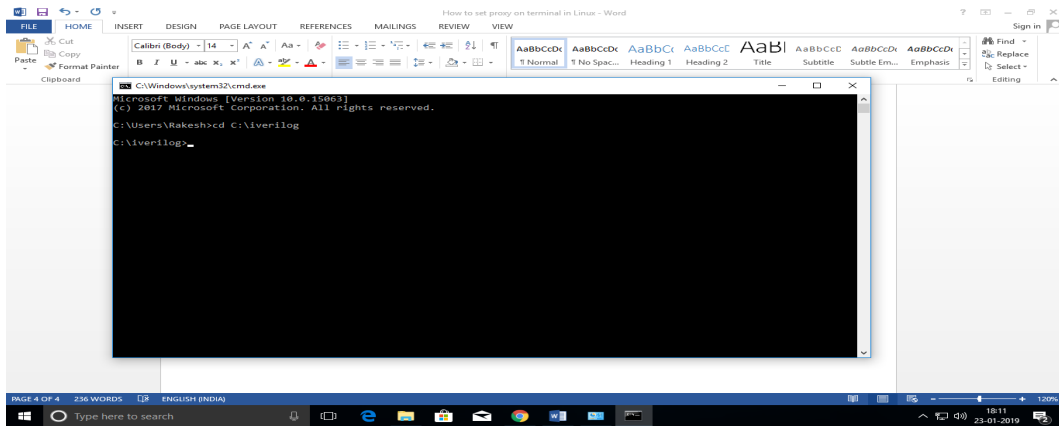
- 1) Open the command prompt & go to the directory/folder where module is defined
- 2) Compile the module like as : `iverilog -o binary_file modulefile test_benchfile`
- 3) Run as : `vvp binary_file`

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*

