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TATA CONSULTANCY SERVICES

Virtual ILP – Usage of Putty

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Course 1: Usage of Putty

1.1 What is putty and why we use it

PuTTY is a free SSH, Telnet and Rlogin client for 32-bit Windows systems. Multi-user operating systems, such as Unix usually present a command-line interface to the user, much like the 'Command Prompt' or 'MS-DOS Prompt' in Windows. Using this type of interface, there is no need for you to be sitting at the same machine you are typing commands to. The commands, and responses, can be sent over a network, so you can sit at one computer and give commands to another one, or even to more than one.

SSH, Telnet and Rlogin are network protocols that allow you to do this. On the computer you sit at, you run a client, which makes a network connection to the other computer (the server). The network connection carries your keystrokes and commands from the client to the server, and carries the server's responses back to you.

1.2 How to use Putty

For running putty you need to have Host IP address. Run putty icon by double clicking on it and follow below steps.

1) After running putty icon you will get following window
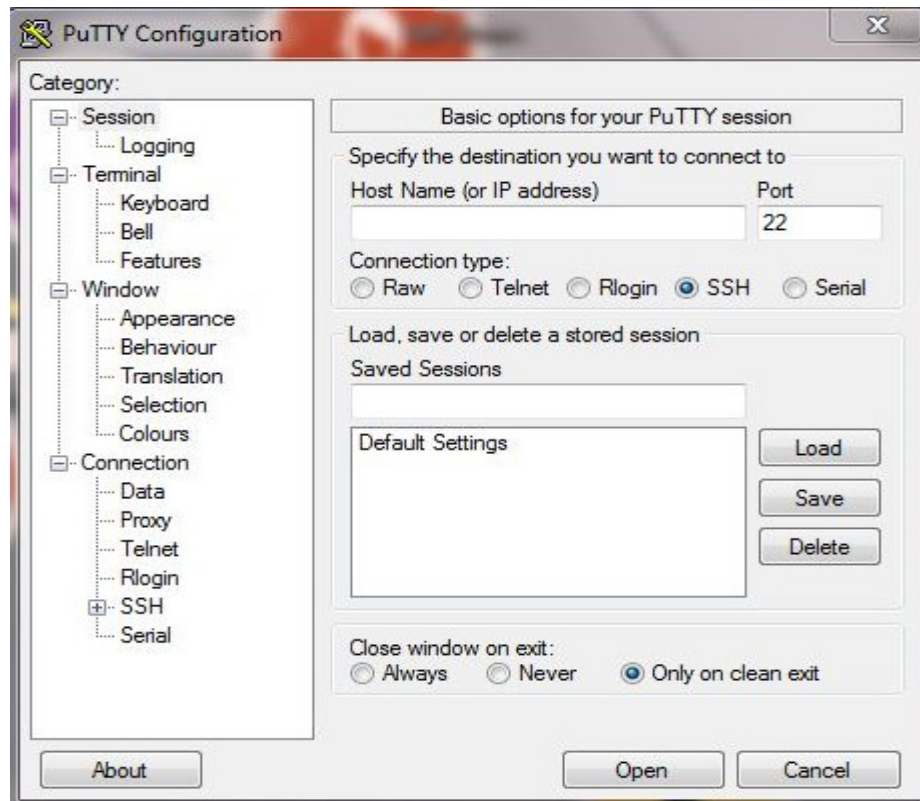
2)   Enter IP address in Host Name (or IP address) field.
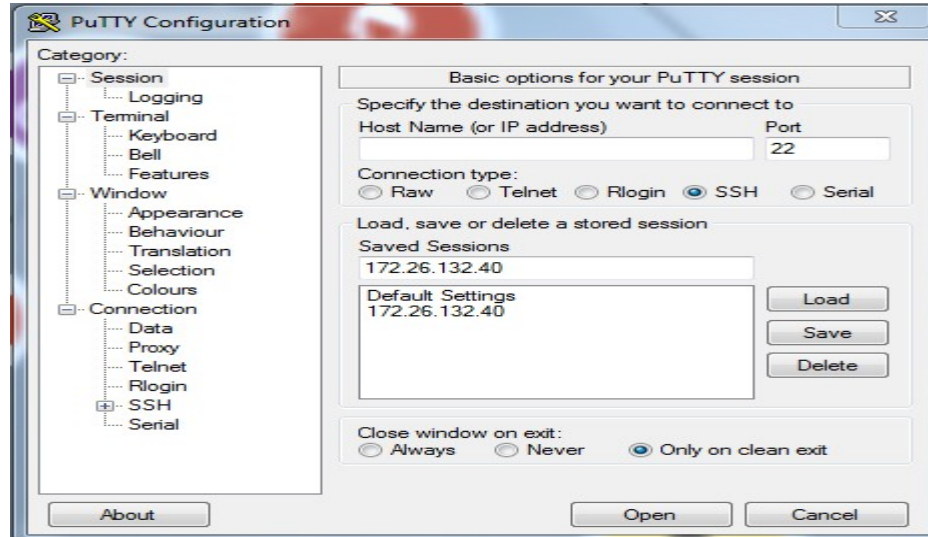For example 172.26.132.40 (For Ahmedabad centre)
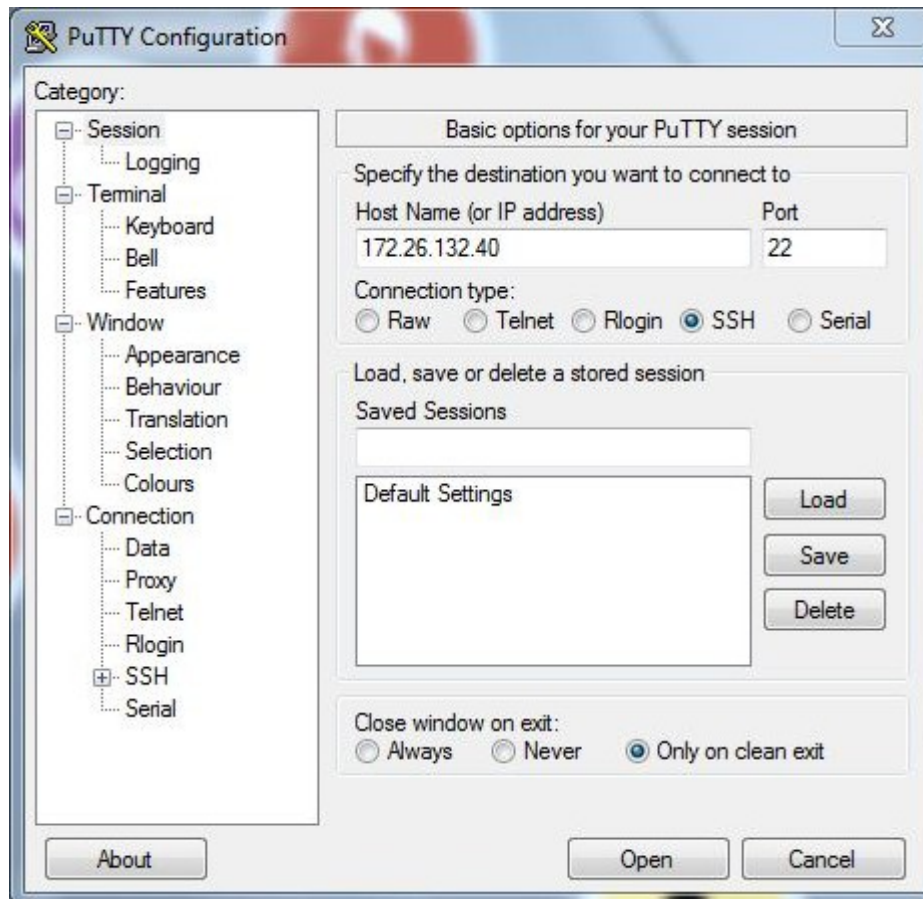
3) To save the session in Putty so every time you need not to enter IP
address do following steps.
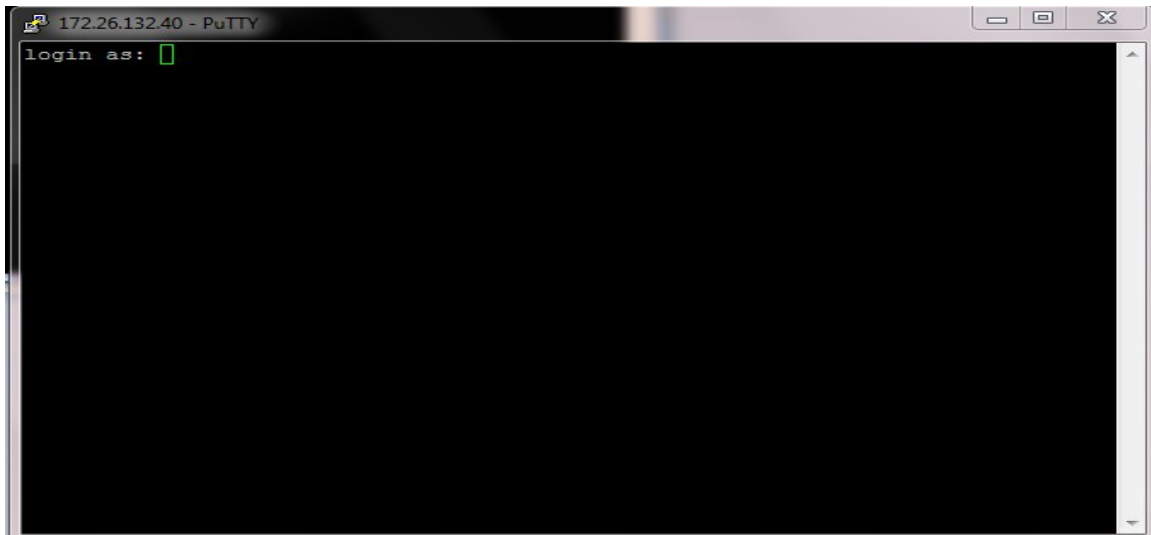> Enter IP address in Host Name field as below.
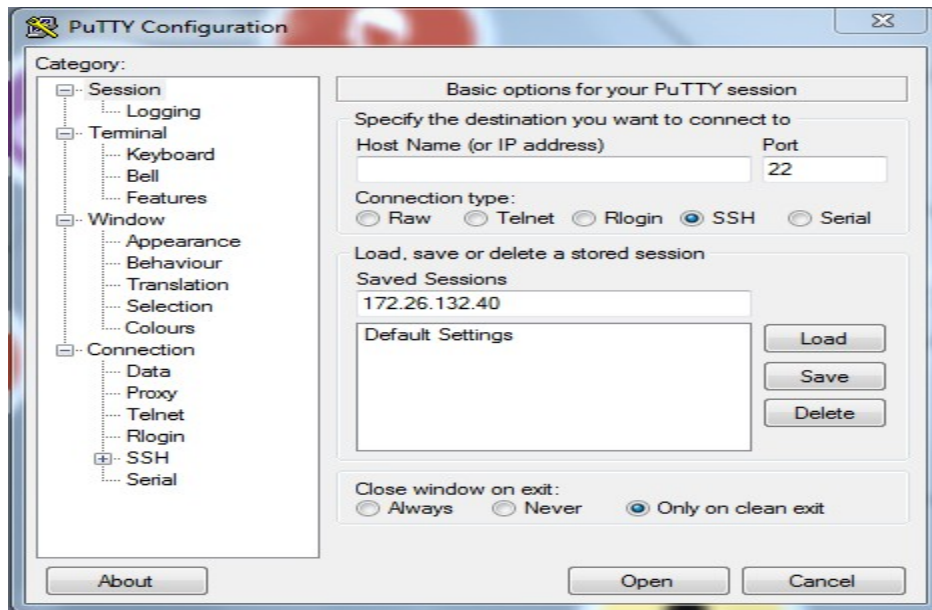
> Now click on Save button. IP address which you entered will be saved as below.

4)   Now select that IP address and click on Open button. It will open below window. Which will ask your login id. Enter the user

name or the id shared by your IS or faculty(e.g employee id) as your login as and press enter key.

For example ,
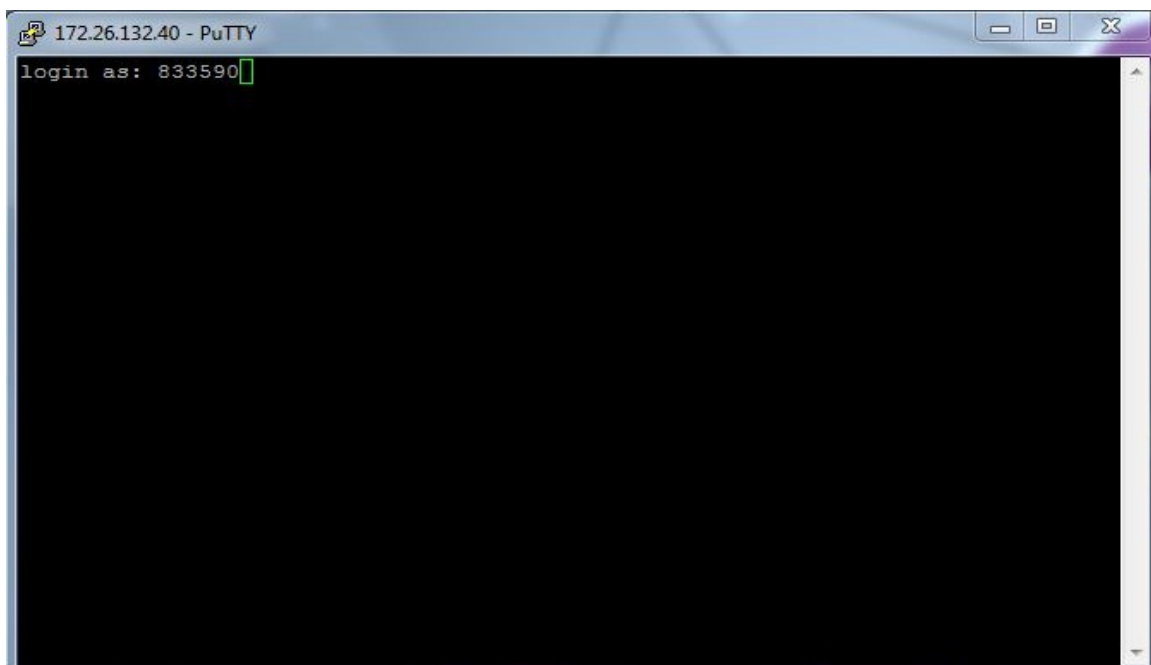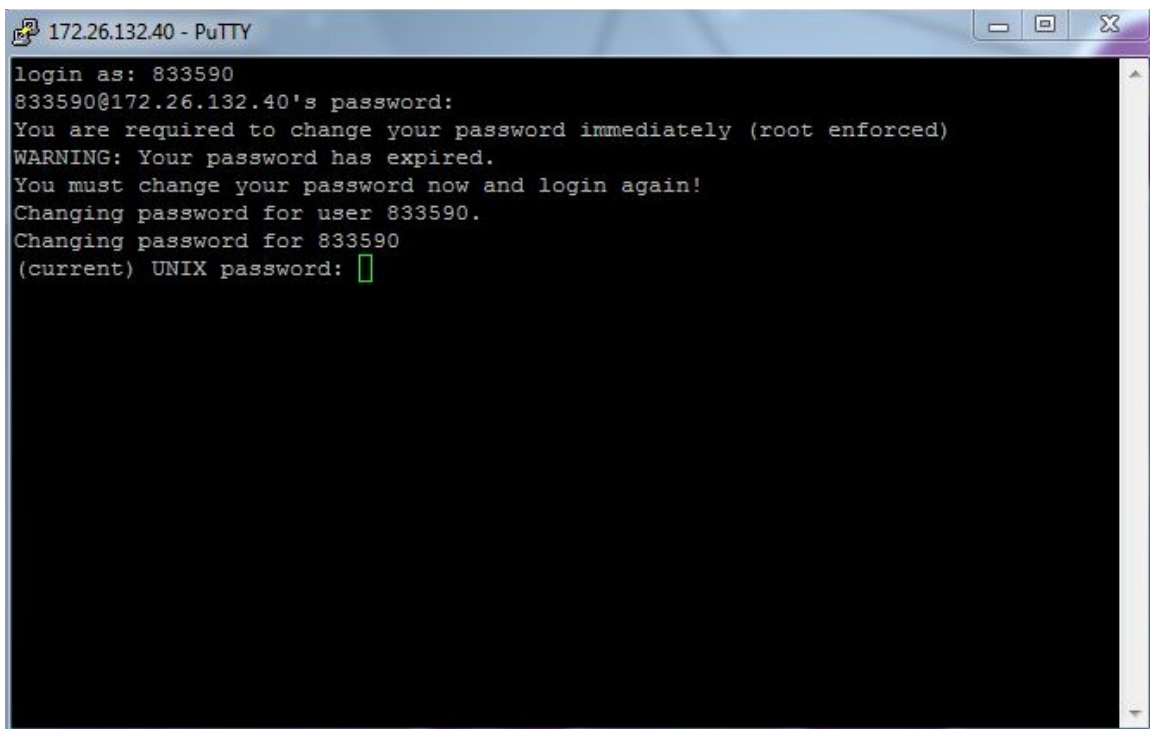
5)   It will ask you now to enter your password. Enter default password for example empid@123 and press enter. While you would be entering password, screen will not show any character for security purpose. So after entering password press enter.
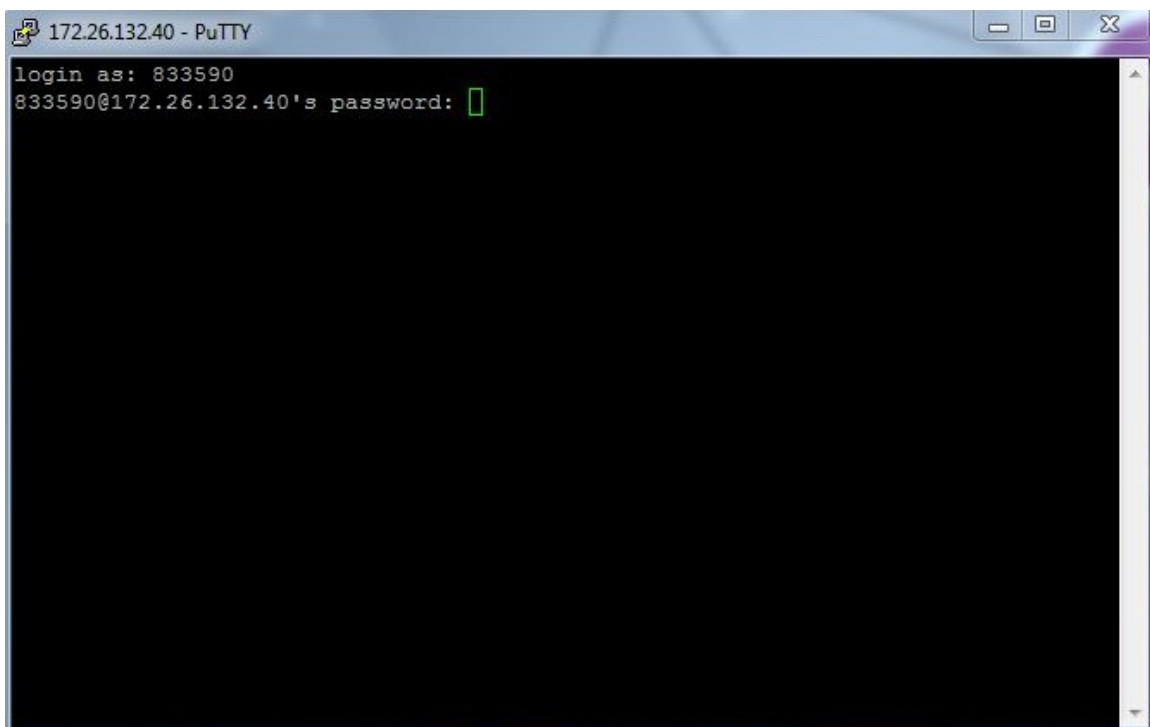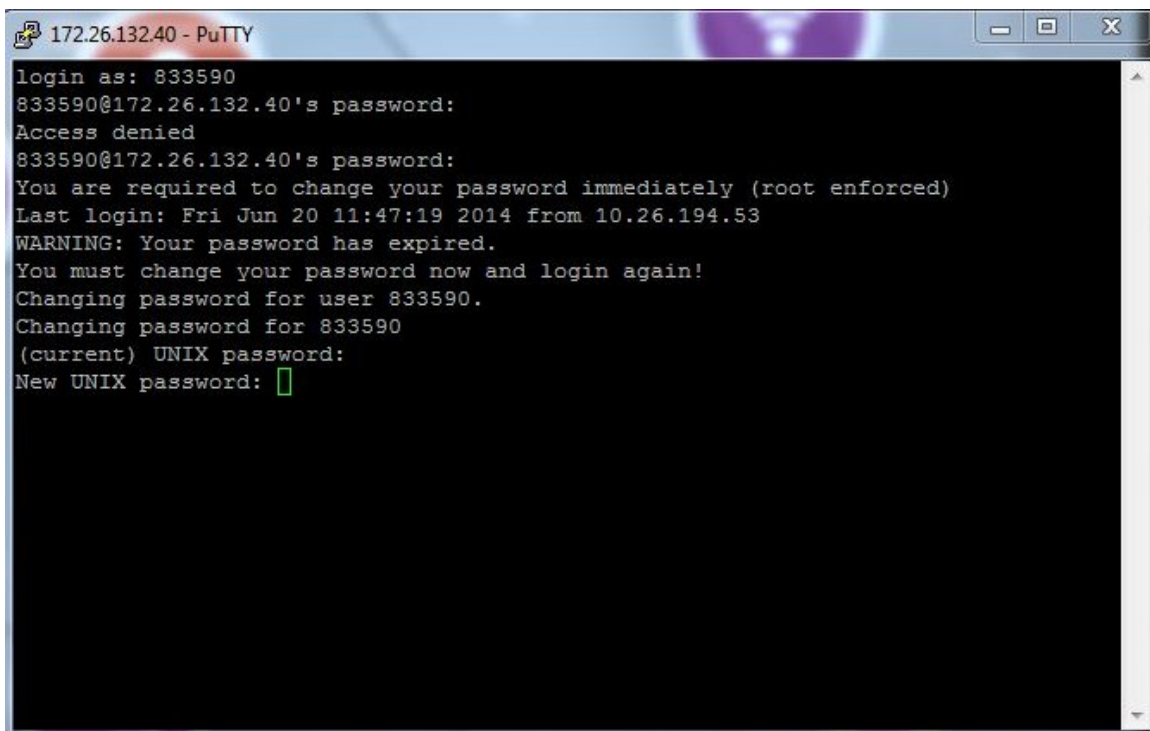
6) It will now start procedure for changing default password. First it will ask to enter Current password which is your default password (for example empid@123). After entering default password press enter key.
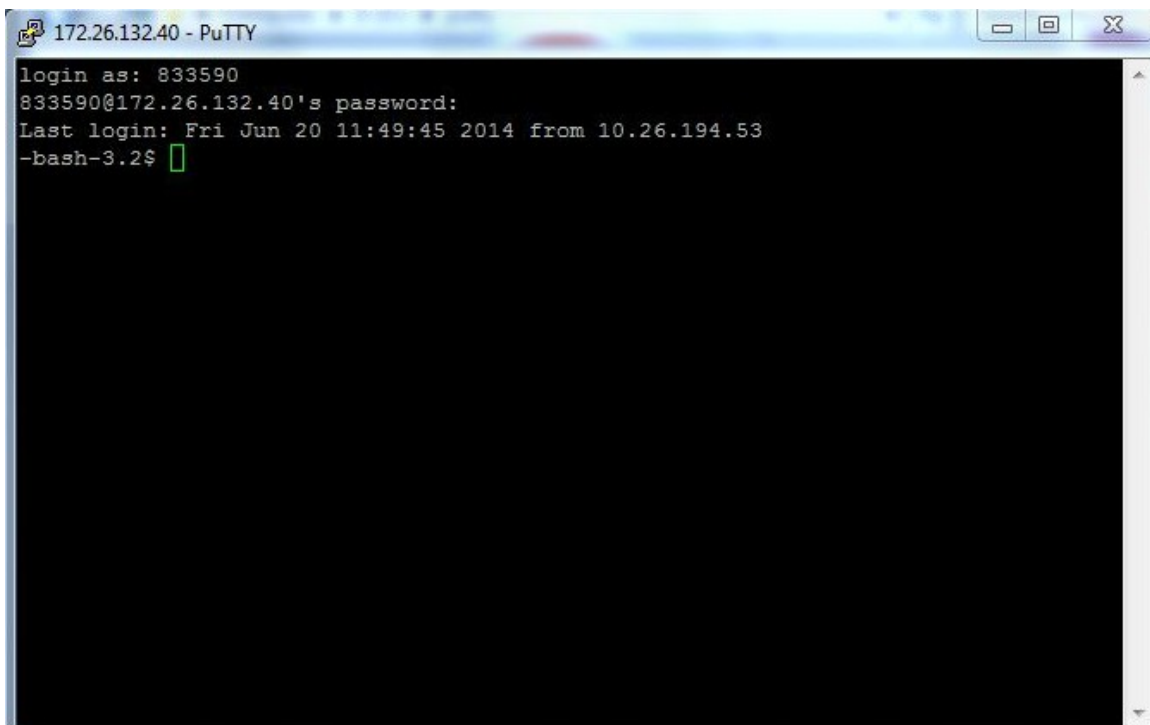
7) It will ask now to enter new password. Enter new password and press enter key. Again new password you are entering would not be visible for security purpose. Again it will ask to reconfirm password. Once you reconfirmed the password putty will be closed automatically means you have successfully changed the password.

```
172.26.132.40 - PuTTY
login as: 833590
833590@172.26.132.40's password:
Access denied
833590@172.26.132.40's password:
You are required to change your password immediately (root enforced)
Last login: Fri Jun 20 11:47:19 2014 from 10.26.194.53
WARNING: Your password has expired.
You must change your password now and login again!
Changing password for user 833590.
Changing password for 833590
(current) UNIX password:
New UNIX password: []
```

8) Now run putty by double clicking once again to login. This time try with your new password. After successful login you will get following screen.
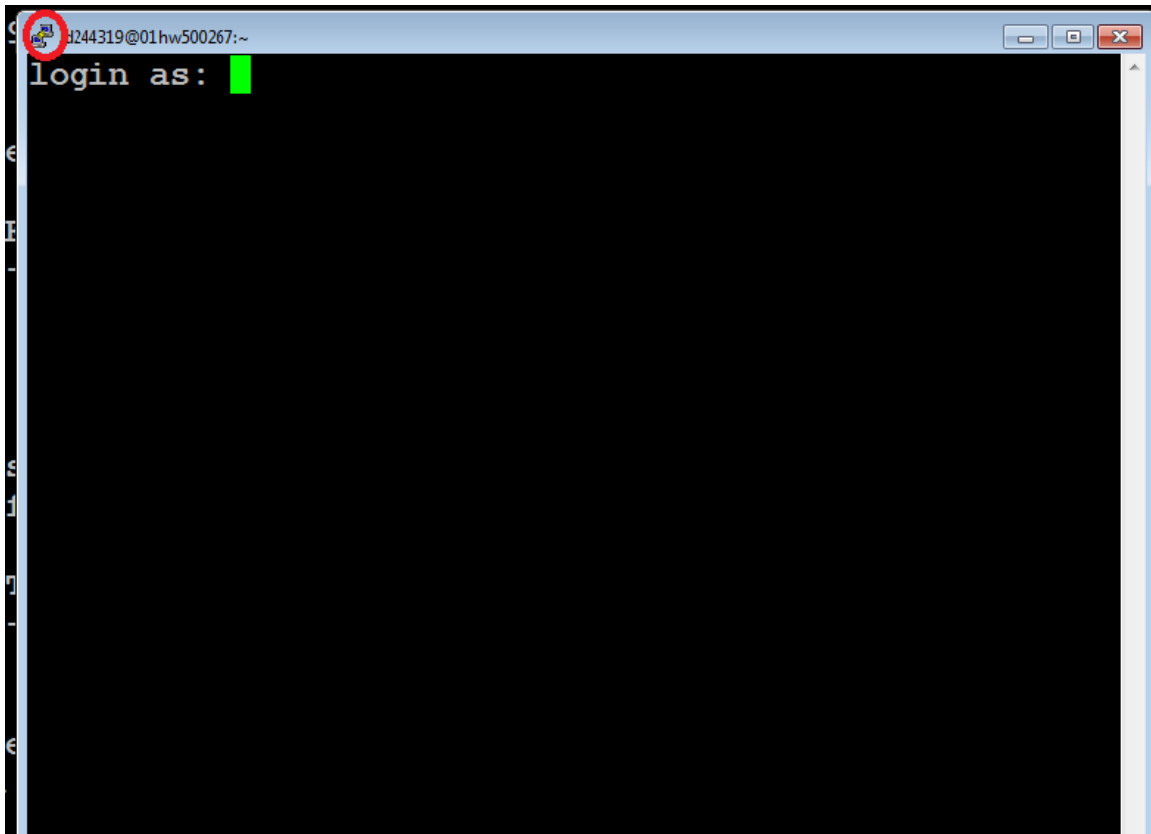
```
172.26.132.40 - PuTTY
login as: 833590
833590@172.26.132.40's password:
Last login: Fri Jun 20 11:49:45 2014 from 10.26.194.53
-bash-3.2$ 
```
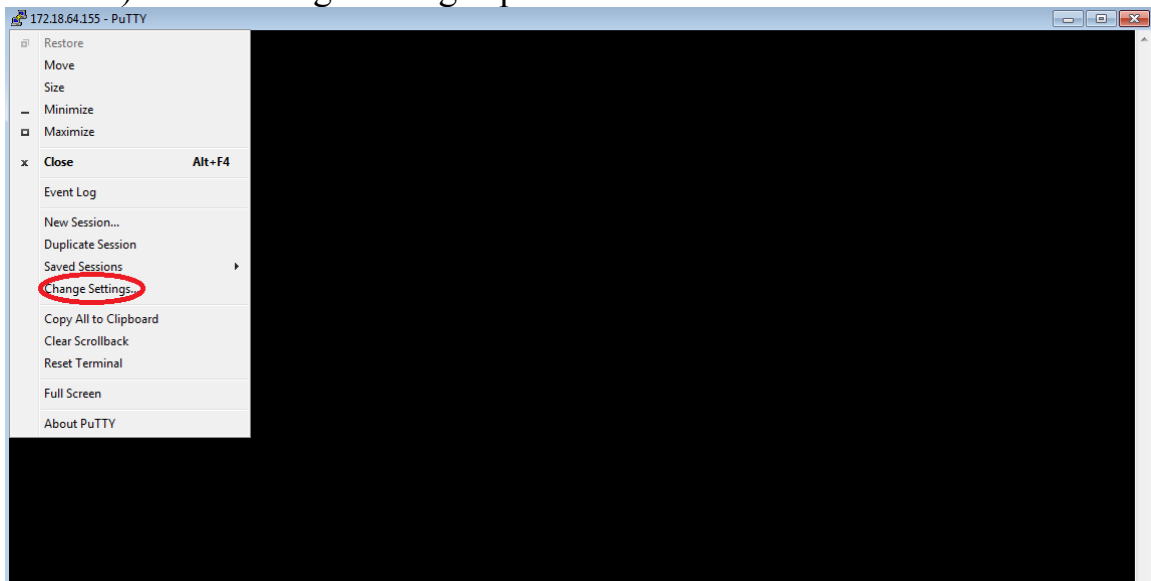
1.3 To Change the Setting:

1) To Change the background colour of putty from black to white or any other colour , follow the below steps.

a)Click the putty icon in the top corner of the putty window.

b) Select change settings options like below.
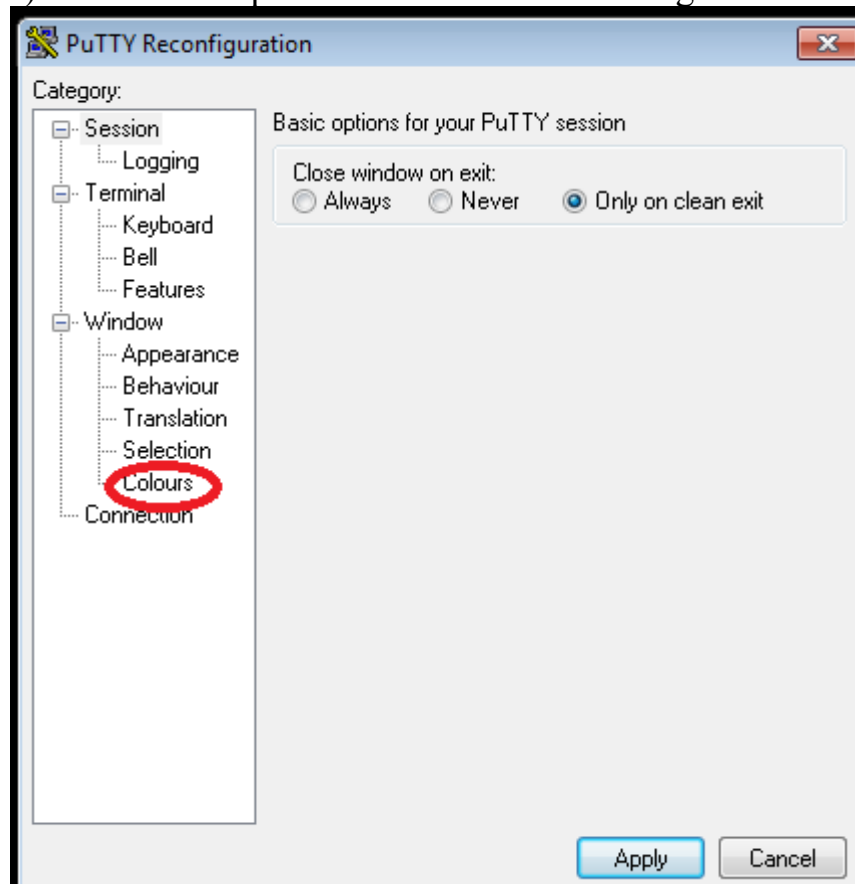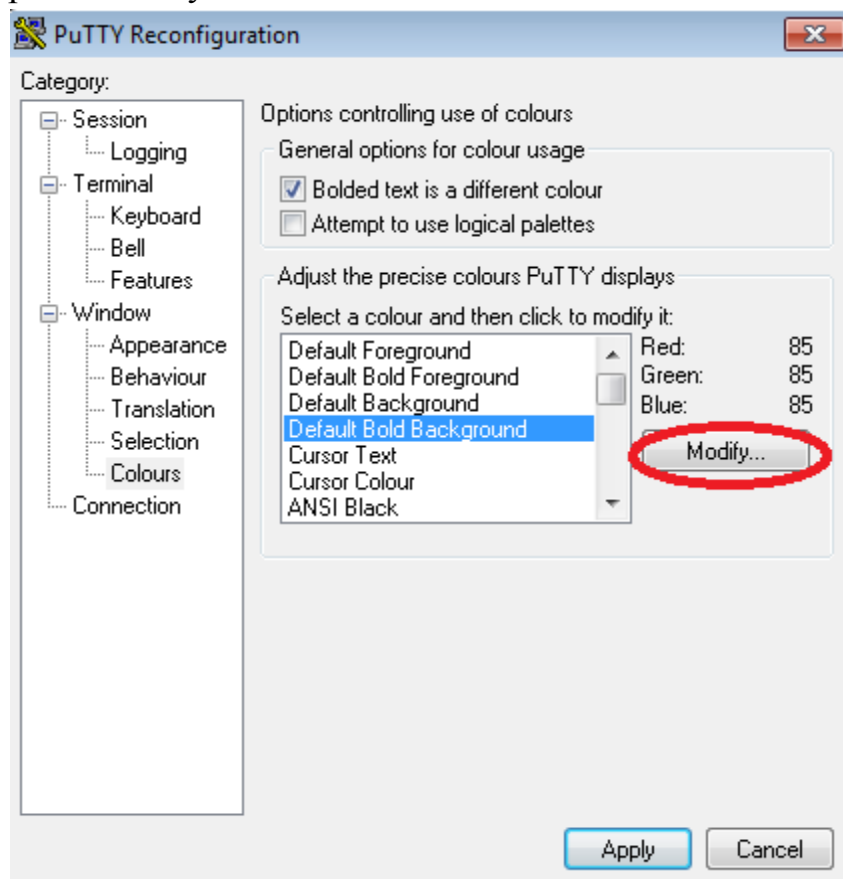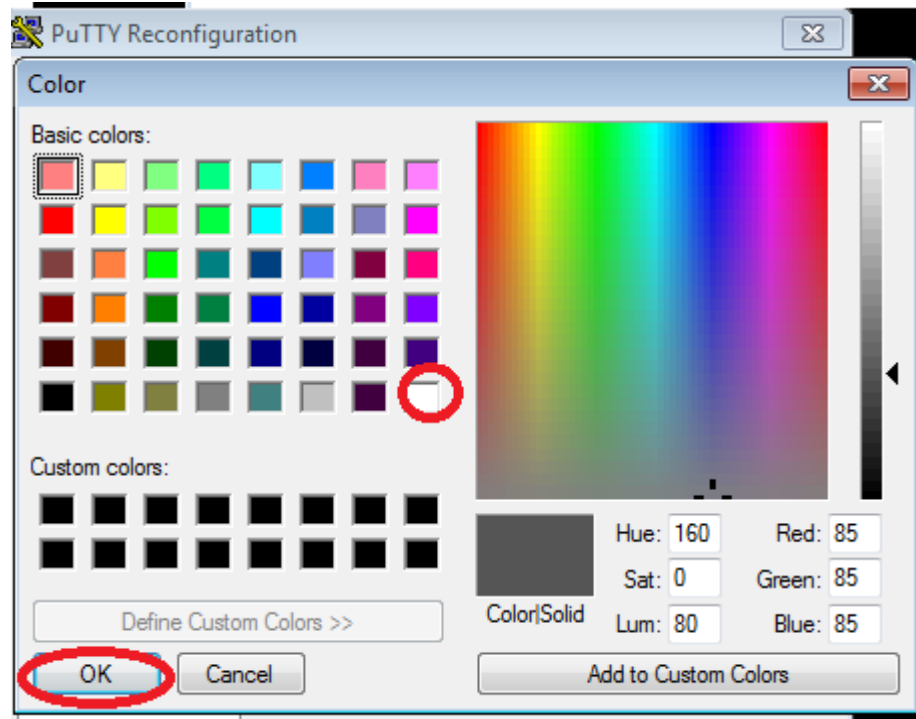
c) Choose the options colour in the following window.

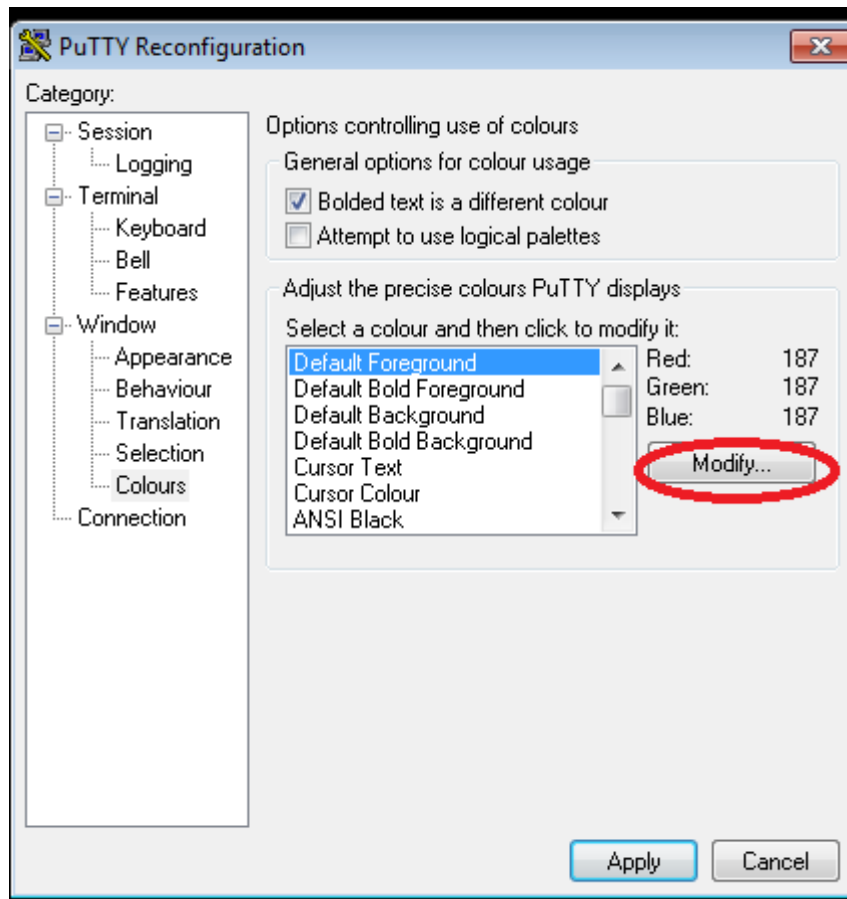d) Select the option default background in the dropdown and select the option Modify.

e) Select the colour as **white** or any other clour and click OK in the window.

f) It will come back to putty configuration window. After that, Select **Default Foreground** option,click **Modify** and choose **black** colour. This Default Foreground option for text colour.

g)It will come back to putty configuration window. Click Apply in the window.
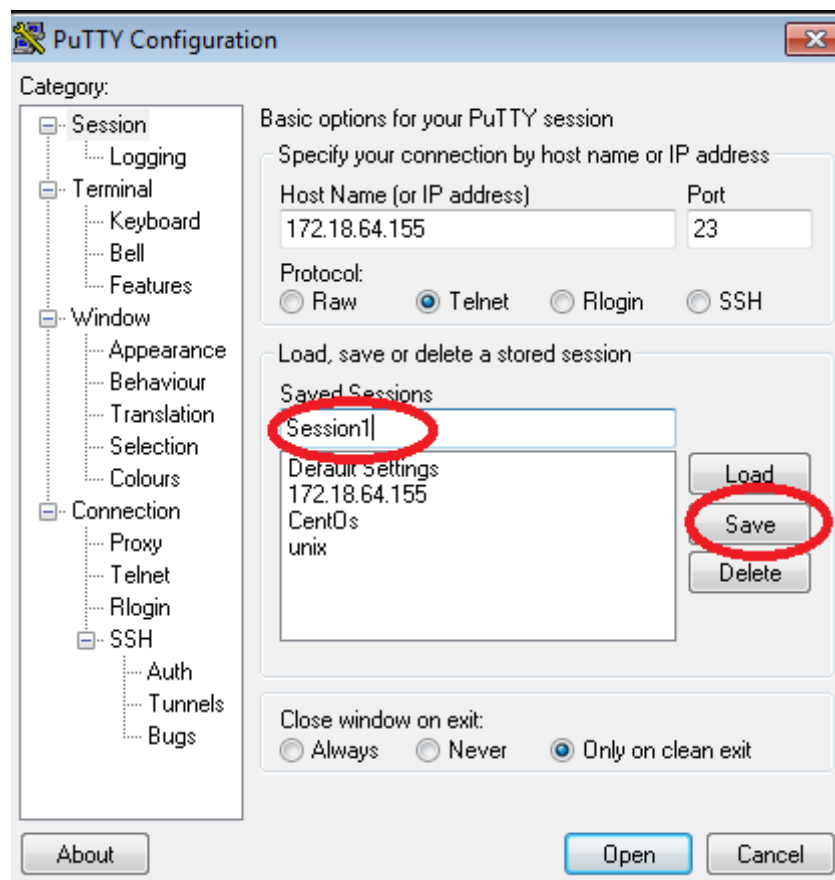
1.4 Save settings

To make the settings parmanenet, we need to save the session by a name. Later , using the name easily we can load the session.
The following are the steps to be followed:
 a) Give a name as shown in the field Saved Sessions as below(session1).

 b) Click Save as below.

Happy Learning