

Step to Generate SSH key for GIT :

1) Set the user variables:

- Set User variables:

Variable Name: **Path**

Variable Value: **C:\Program Files\Git\bin** (Location where Git is installed)

- Set User variables:

Variable Name: **HOME**

Variable Value: **%USERPROFILE%**

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...for glory
...to change themselves
...to change the world
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Start | C:\WI... | Debug... | Hello, ... | Purba ... | C:\WI... | Inbox ... | Blank ... | 5554:... | mobile | Docum... | 11:07 AM

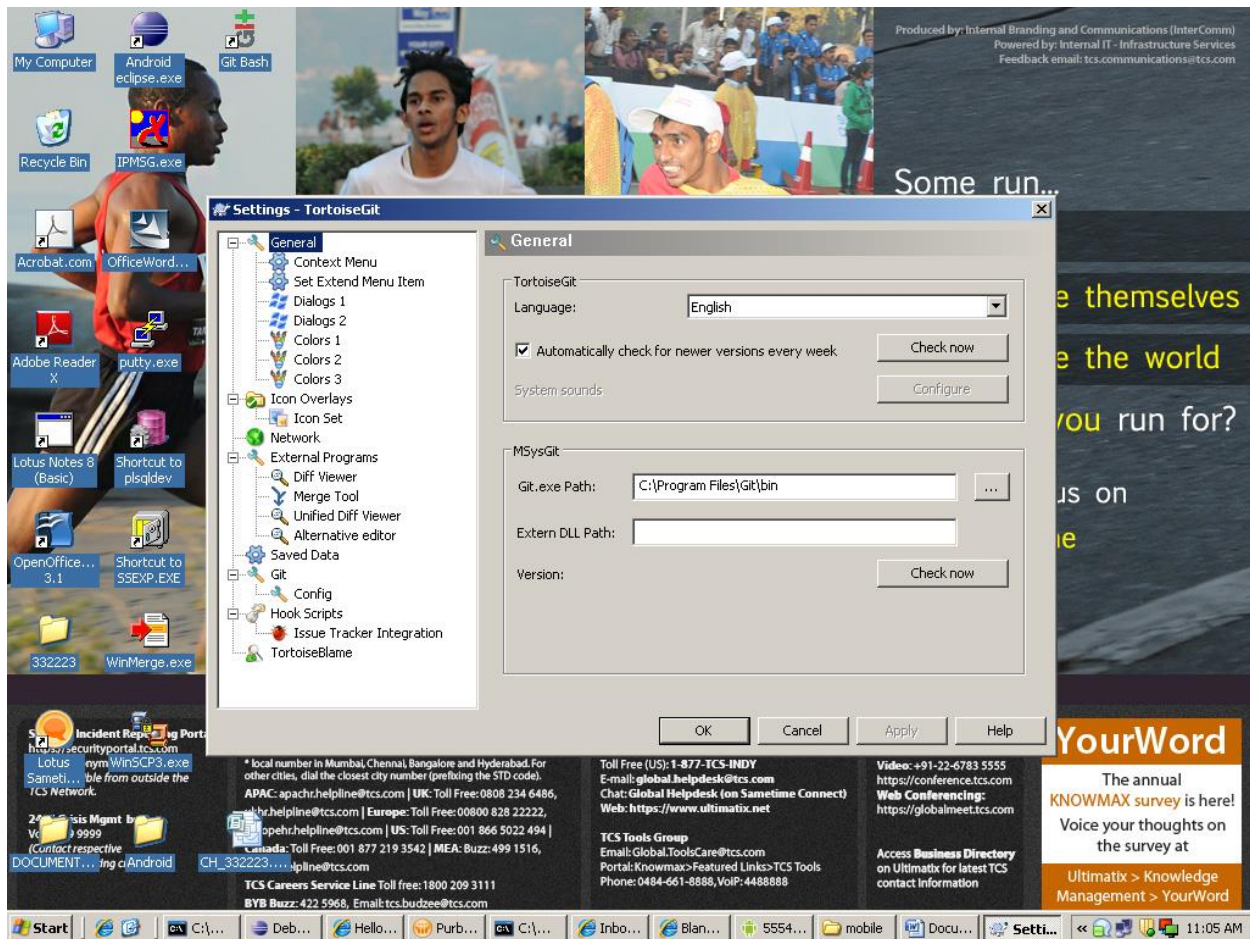
2)Go to TortoiseGit→Settings

The image is a composite of three parts illustrating the steps to access TortoiseGit settings:

- Desktop Environment:** A Windows desktop with a runner-themed background. The taskbar shows the Start button and several open applications: C:\WI..., Debug..., Hello, ..., Purba, C:\WI..., Inbox, Blank, 5554..., mobile, and Docum... The system clock shows 11:04 AM.
- Context Menu:** A right-click context menu is open over the desktop. The menu items include: Arrange Icons By, Refresh, Paste, Paste Shortcut, Undo Copy (Ctrl+Z), Graphics Properties..., Graphics Options, Git Clone..., Git Create repository here..., TortoiseGit, New, and Properties. The TortoiseGit menu item is highlighted.
- Motivational Poster:** A poster with the text: "Some run... ..for glory ...to change themselves ...to change the world What did you run for? Share with us on @TCS Online". The poster also includes production and feedback information: "Produced by: Internal Branding and Communications (InterComm) Powered by: Internal IT - Infrastructure Services Feedback email: tcs.communications@tcs.com".

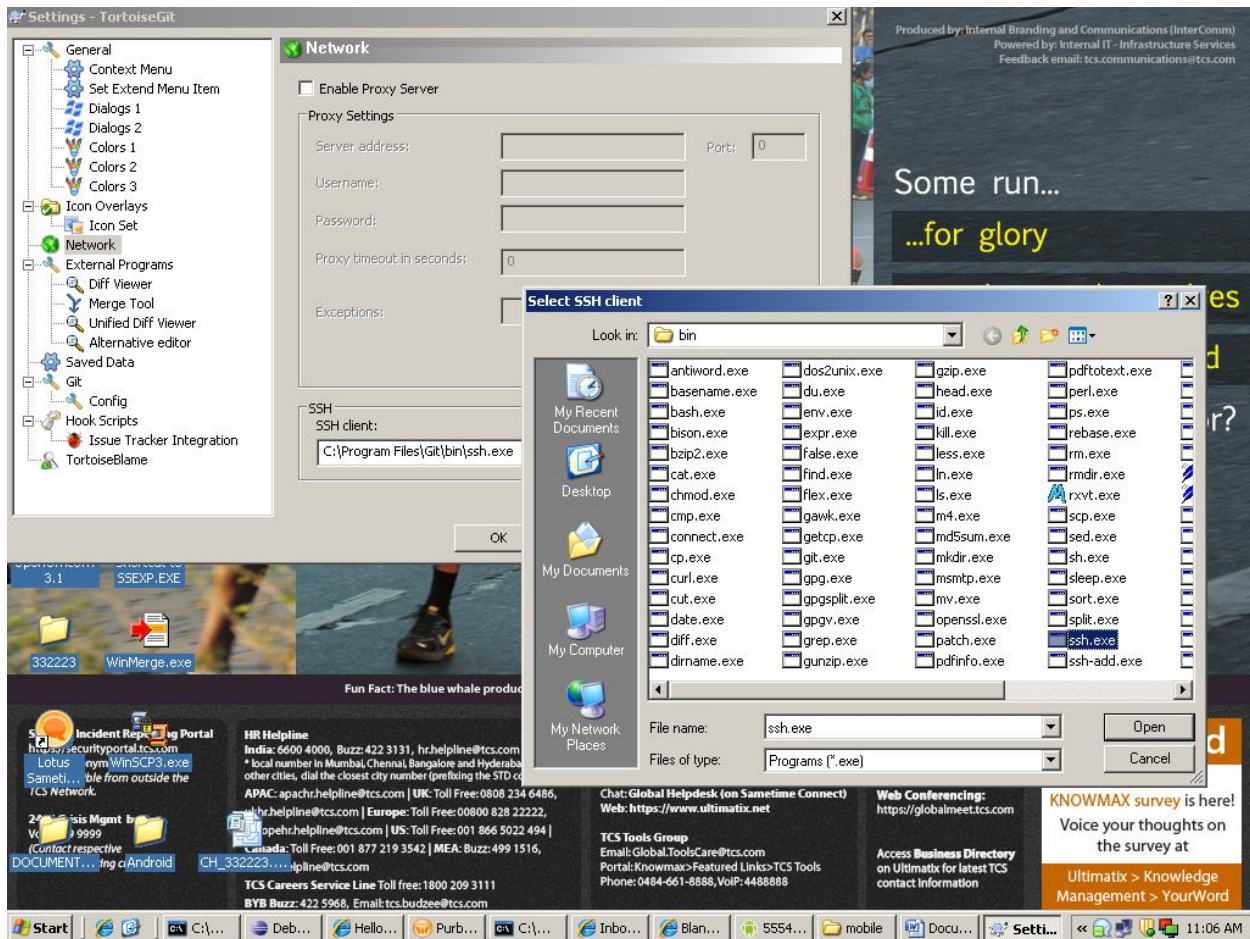
3)Go to General→Git.exe Path

Browse to the 'bin' folder of the installed Git.



4) Go to → Network → SSH Client

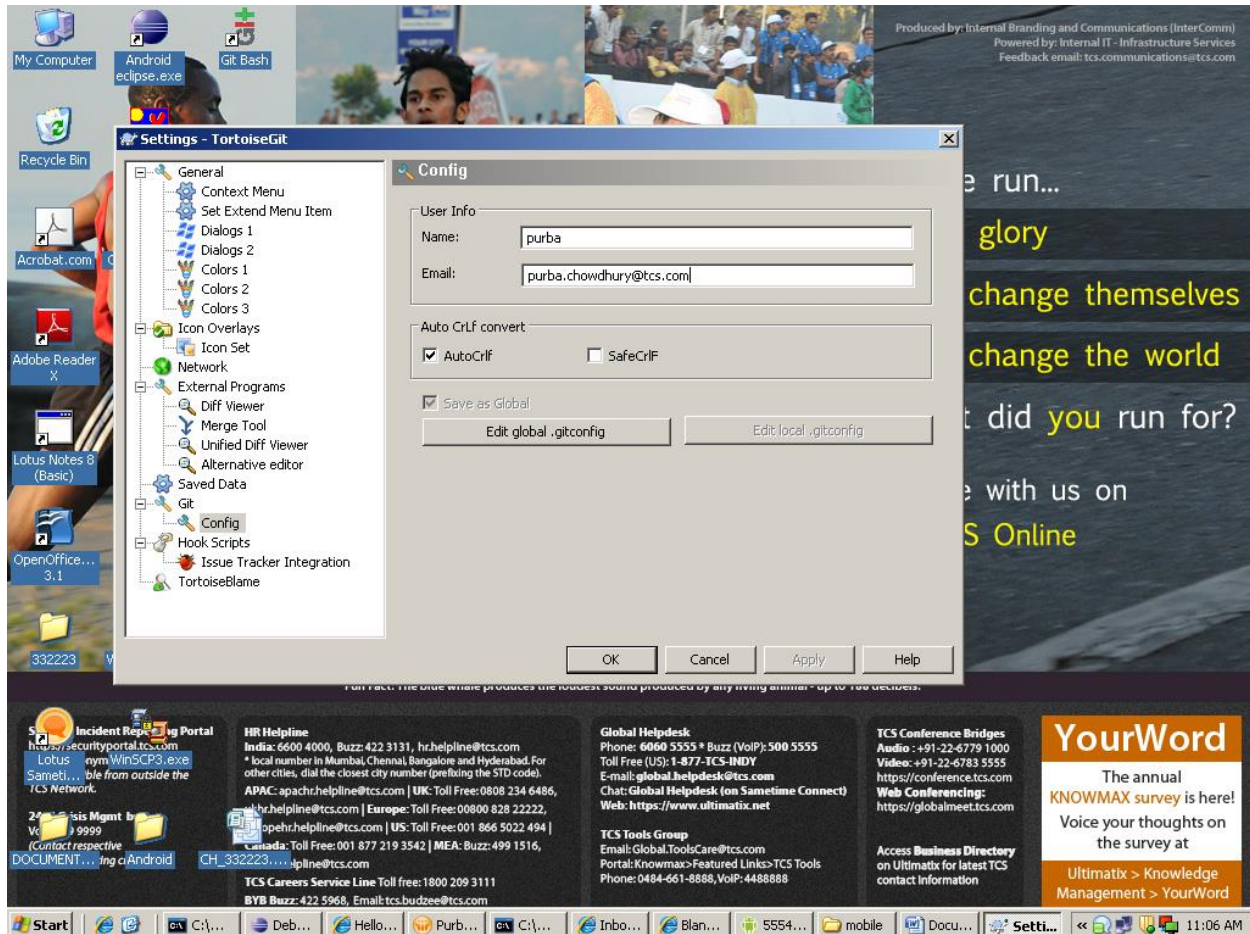
Browse to the ssh.exe file in the bin folder.



5) Go to → Git → Config

Fill up the fields 'Name' and 'Email'.

Check AutoCrLf.



6)Go to command prompt→

Execute the command **Bash** from the prompt and press enter

Following 3 commands are required for Eclipse Environment Setup

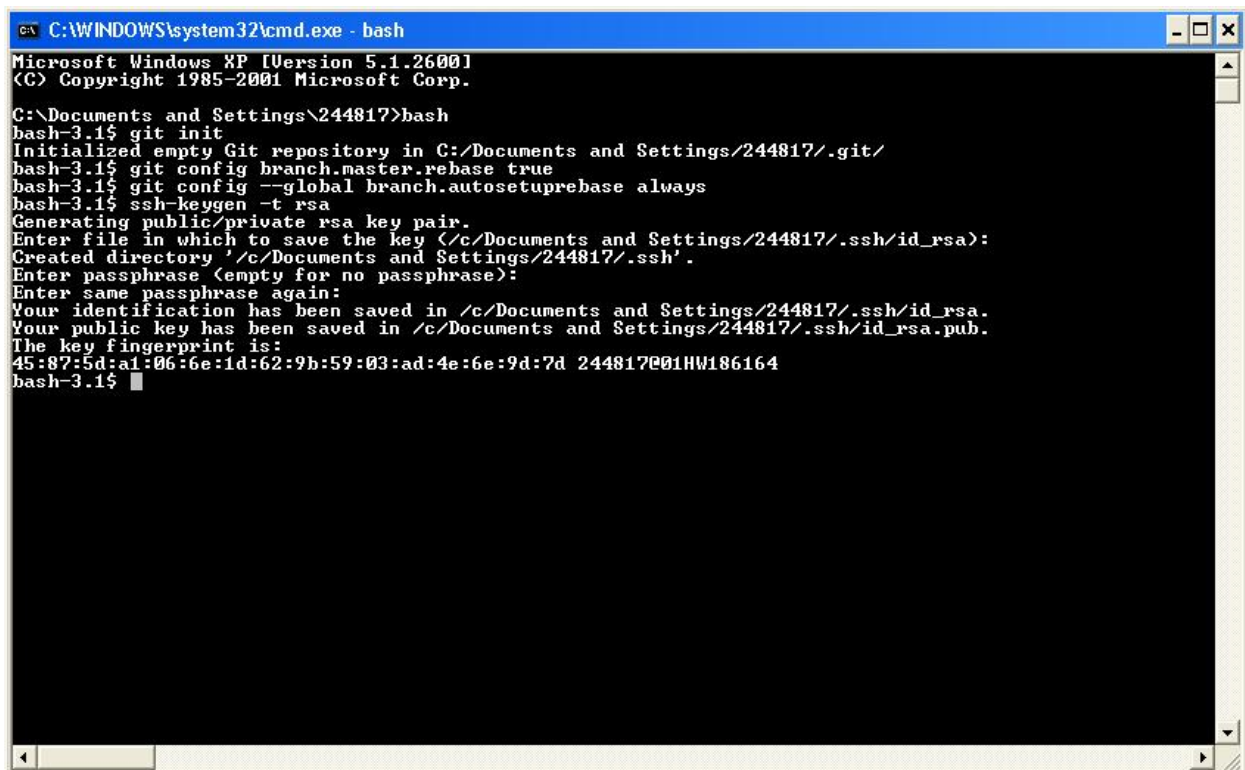
Execute the command **git init**

Execute the command **git config branch.master.rebase true**

Execute the command **git config --global branch.autosetuprebase always**

Execute the command **ssh-keygen -t rsa** from the prompt and press enter

Leave it blank when prompt will ask for the filename or the passphrase.



```
C:\WINDOWS\system32\cmd.exe - bash
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\244817>bash
bash-3.1$ git init
Initialized empty Git repository in C:/Documents and Settings/244817/.git/
bash-3.1$ git config branch.master.rebase true
bash-3.1$ git config --global branch.autosetuprebase always
bash-3.1$ ssh-keygen -t rsa
Generating public/private rsa key pair.
Enter file in which to save the key (C:/Documents and Settings/244817/.ssh/id_rsa):
Created directory 'C:/Documents and Settings/244817/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in C:/Documents and Settings/244817/.ssh/id_rsa.
Your public key has been saved in C:/Documents and Settings/244817/.ssh/id_rsa.pub.
The key fingerprint is:
45:87:5d:a1:06:6e:1d:62:9b:59:03:ad:4e:6e:9d:7d 244817@01HW186164
bash-3.1$
```

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Fun Fact: The blue whale produces the loudest sound produced by any living animal - up to 188 decibels.

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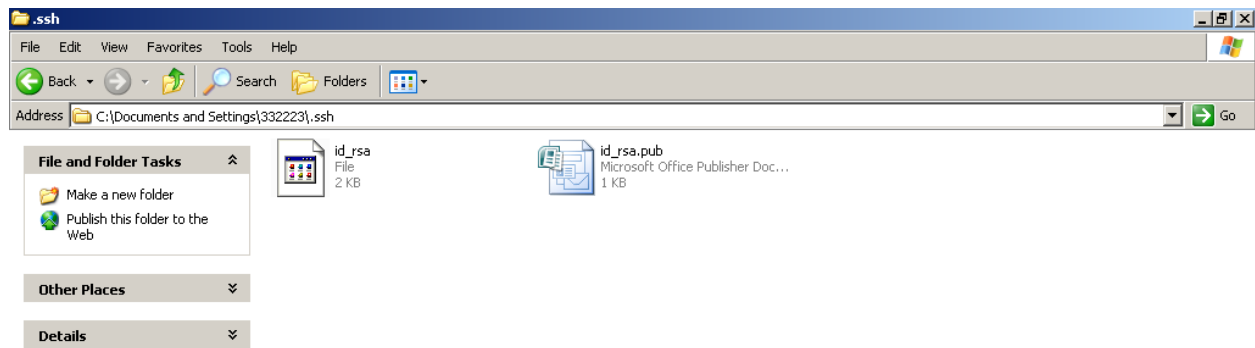
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Start | C:\WI... | Debug... | Hello, ... | Purba ... | C:\WI... | Inbox ... | Blank ... | 5554:... | mobile | Docum... | 11:07 AM

Two keys will be generated in the 'Document and Settings\IndiaDomainUserId ' folder.



Copy the **id_rsa.pub** file to some other location (e.g. desktop) and rename the file in the new location to **ch_empno.pub** where empno is your employee number.

Copy the ch_empno.pub in the following location **\\01hw156728\VSS_Server\AXA-VSS\Exchange\Tushar Ghosh\GIT**.