Read-Me

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Introduction
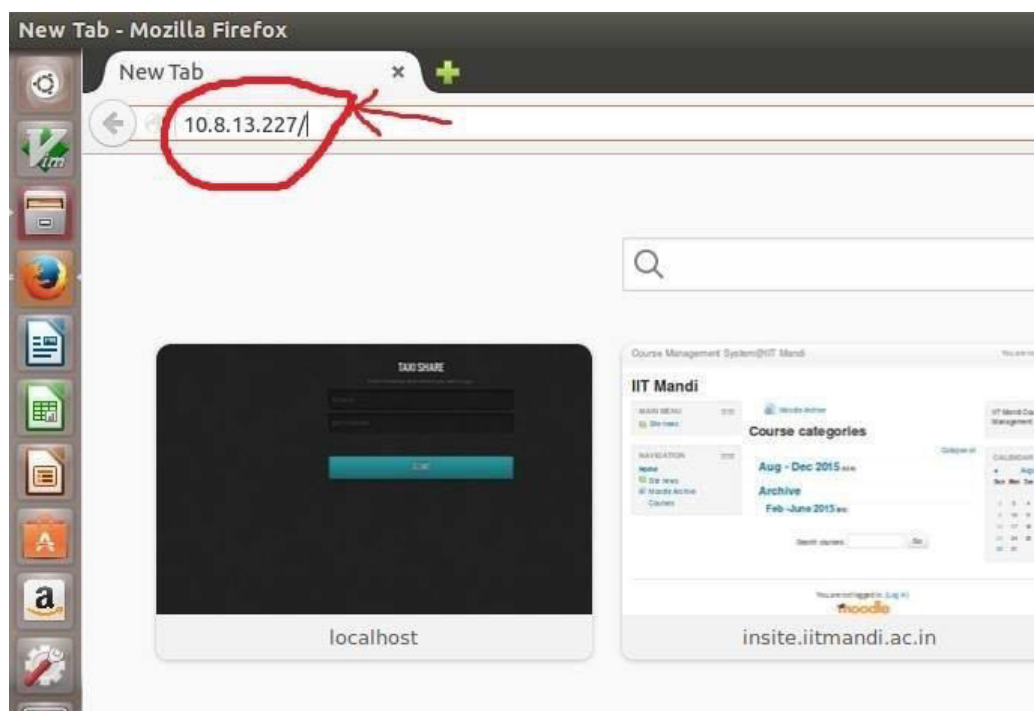==
Taxi-Share Web Based System is a user-friendly software meant for online taxi booking system .It supports basically two features **offer a ride** as well as **search a ride** .In offer a ride feature where people first need to create account and then can offer rides on particular dates between destinations with sub-destinations . This is the updated version of software from Taxi-Share Corporation.For detailed description of the web-based system read SRS & Design document provided with this file.

Requirements
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 This Web-Based System have no special requirements if you want to use the web-based system.

1-You should be connected to IIT Mandi network.
2-You just need the ip address of the server and putting this in your url bar of browser (**see photo**)
  will let you explore the web-based system.
 3-Browser required .

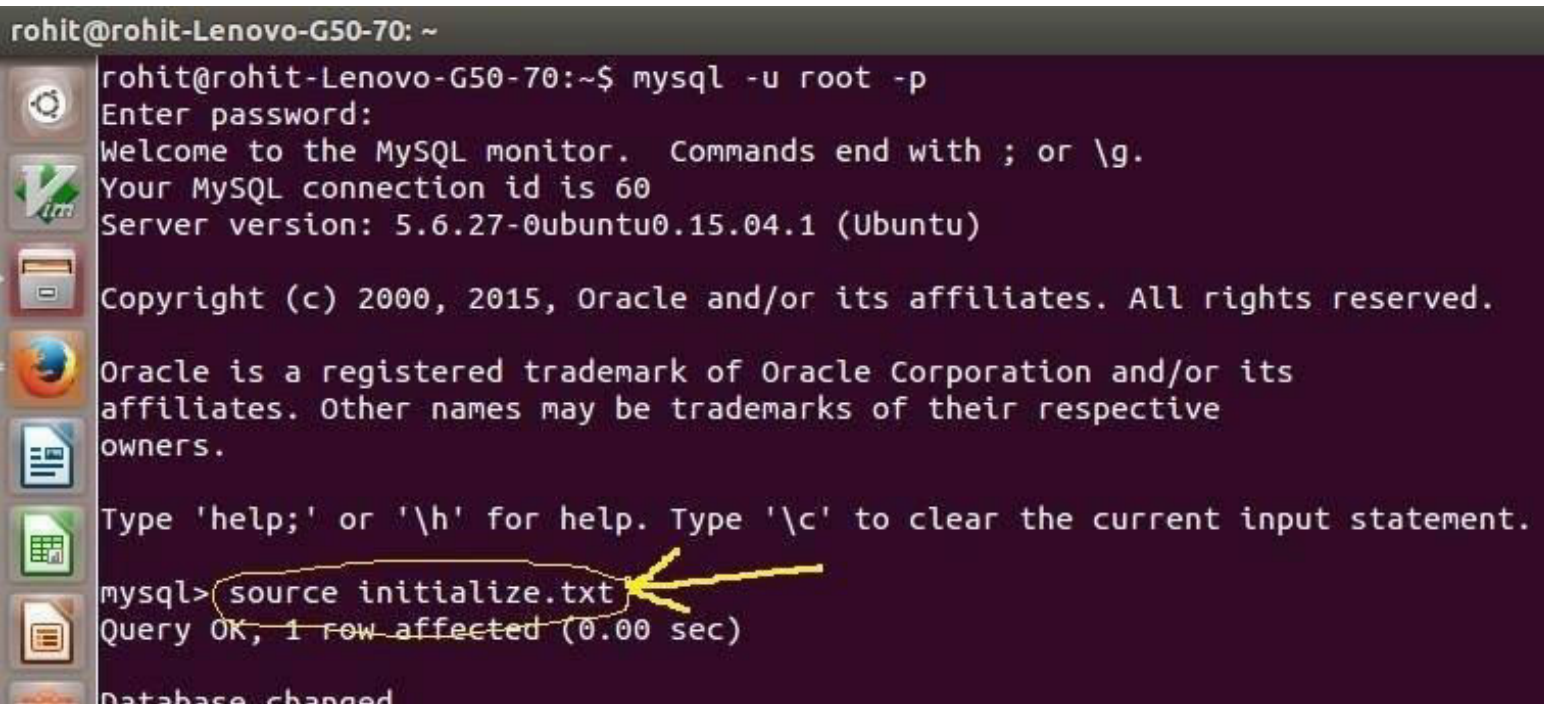But if you want to **serve as a server** for online visitors ,you need to have following things on your computer.

1-LAMP(Linux,Apache,Mysql,PHP) should be installed on your PC.

2-An Internet connection.

3-Zipped Files of this system.

Installation

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Note:: Below steps are for those who wants to serve their pc as a server & it will work only in Linux .

1- Unzip the files of the system.

       2- Copy all the files and folders into root directly or with terminal .

     Example-   sudo cp ..... /var/www/html

3- Initialize the database in pc using Initialize.txt file provided in Mysql. (**see photo**)

   4-Get your ip address and share it for online users.

   5- Open browser and enjoy serving.

For those who **haven't** installed **LAMP** on their PC .Follow these steps :

1-Open the terminal.
2-Type the following one by one
   a)sudo apt-get install apache2
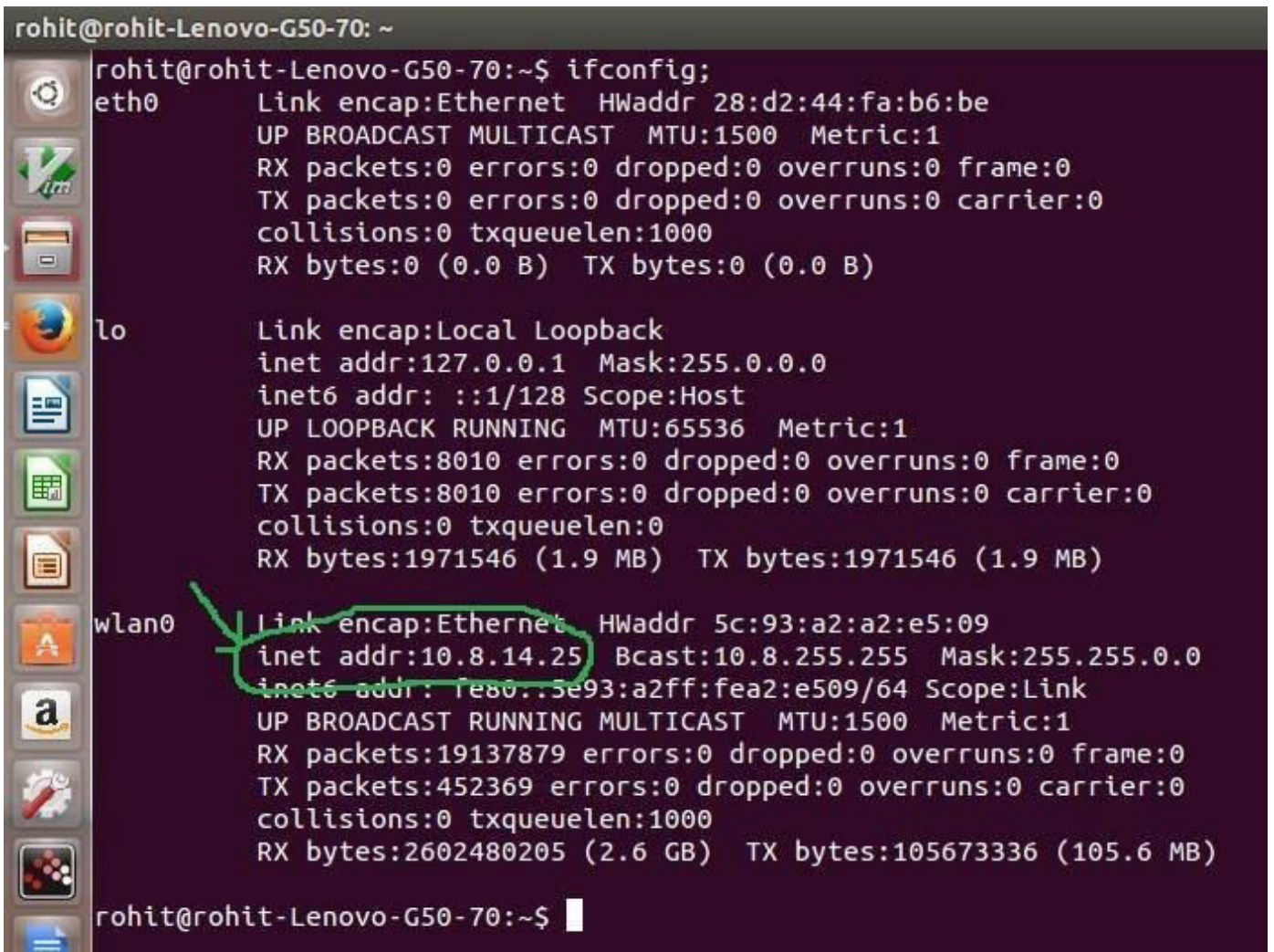   b)sudo apt-get install mysql-server
   c)sudo apt-get install php5 libapache2-mod-php5
   d)sudo /etc/init.d/apache2 restart
    3-Check whether these packages are installed or not !!
   a)Open a web browser and navigate to http://localhost/. You should see a message saying It works!

For getting ip address of your PC ,just type "**ifconfig;**" command in terminal. (**See Photo)** !!

fig-One circled with green color.

Configuration
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The System has no menu or modifiable settings. There is no configuration. When
setup, the web based system will work properly. Just make sure localhost is enabled in pc.

For the users of this system,they should be sure that cookies are enabled on their browser and can explore the system using given ip address.

Troubleshooting
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* If the folders are not copied ,check the following

    1- You are using *sudo* with *-a flag* ,otherwise it would only copy files not folders.
*If the database can't be created using provided file

    1-Check whether a database with same name exists or not ,if yes drop it then re-initialise using the provided text file.
    2-Check that you mysql version support datatypes and syntax as in provided text file.

*For users if they can't access the system
    1-Check whether the provided ip address is valid or not.
    2-Check whether your system is connected to IIT Mandi Network or not.

Maintainers
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At present the maintainer of this web-based system are :-

1-Rohit Verma

Contacts
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