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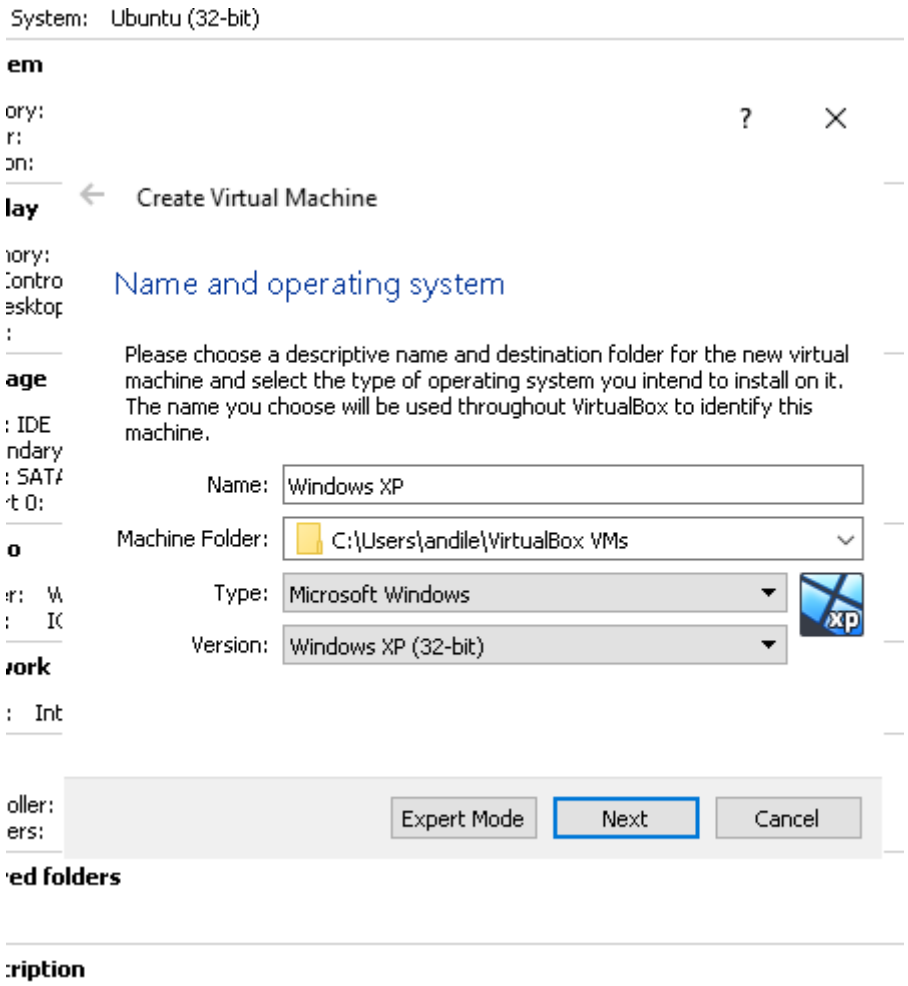
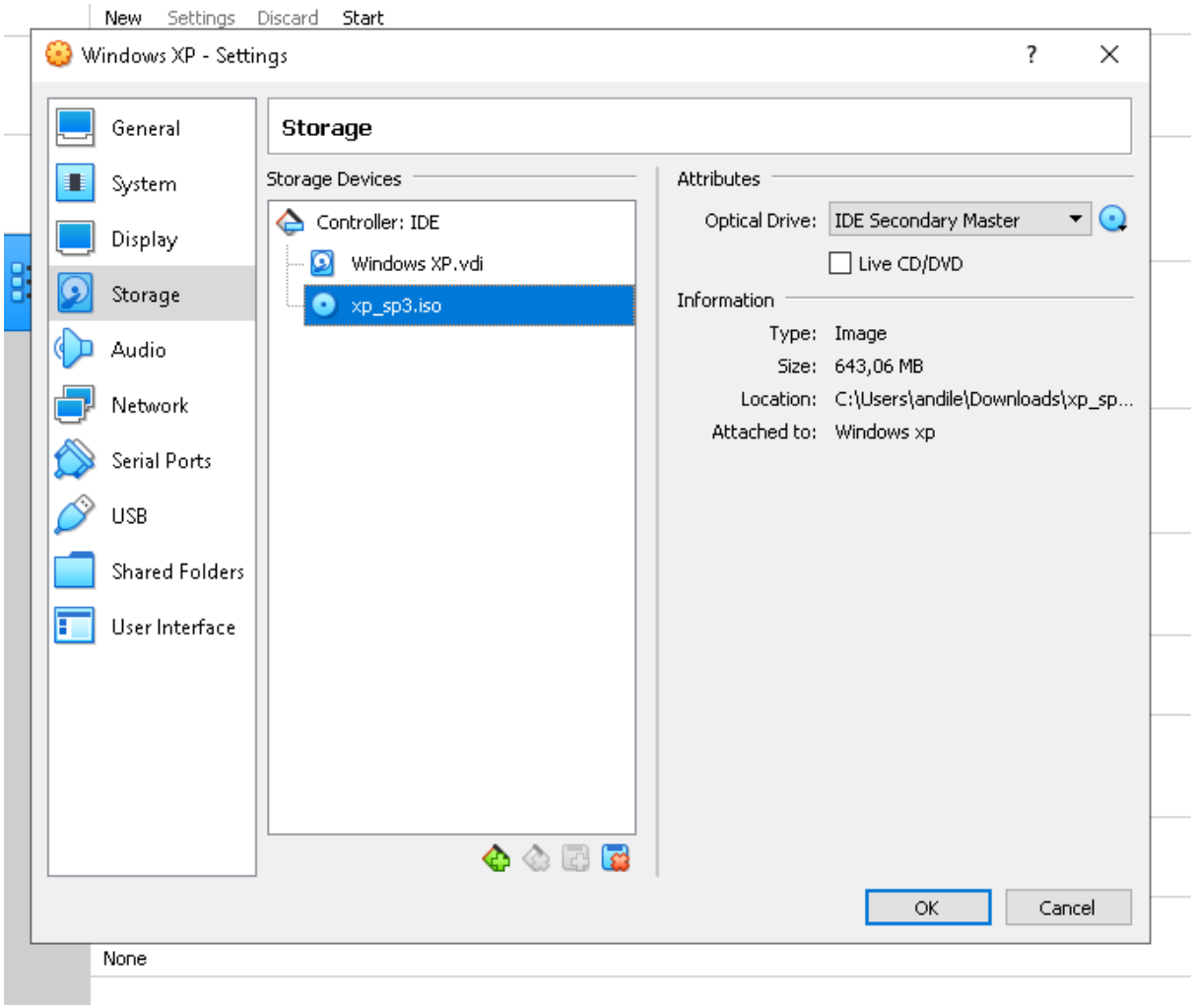
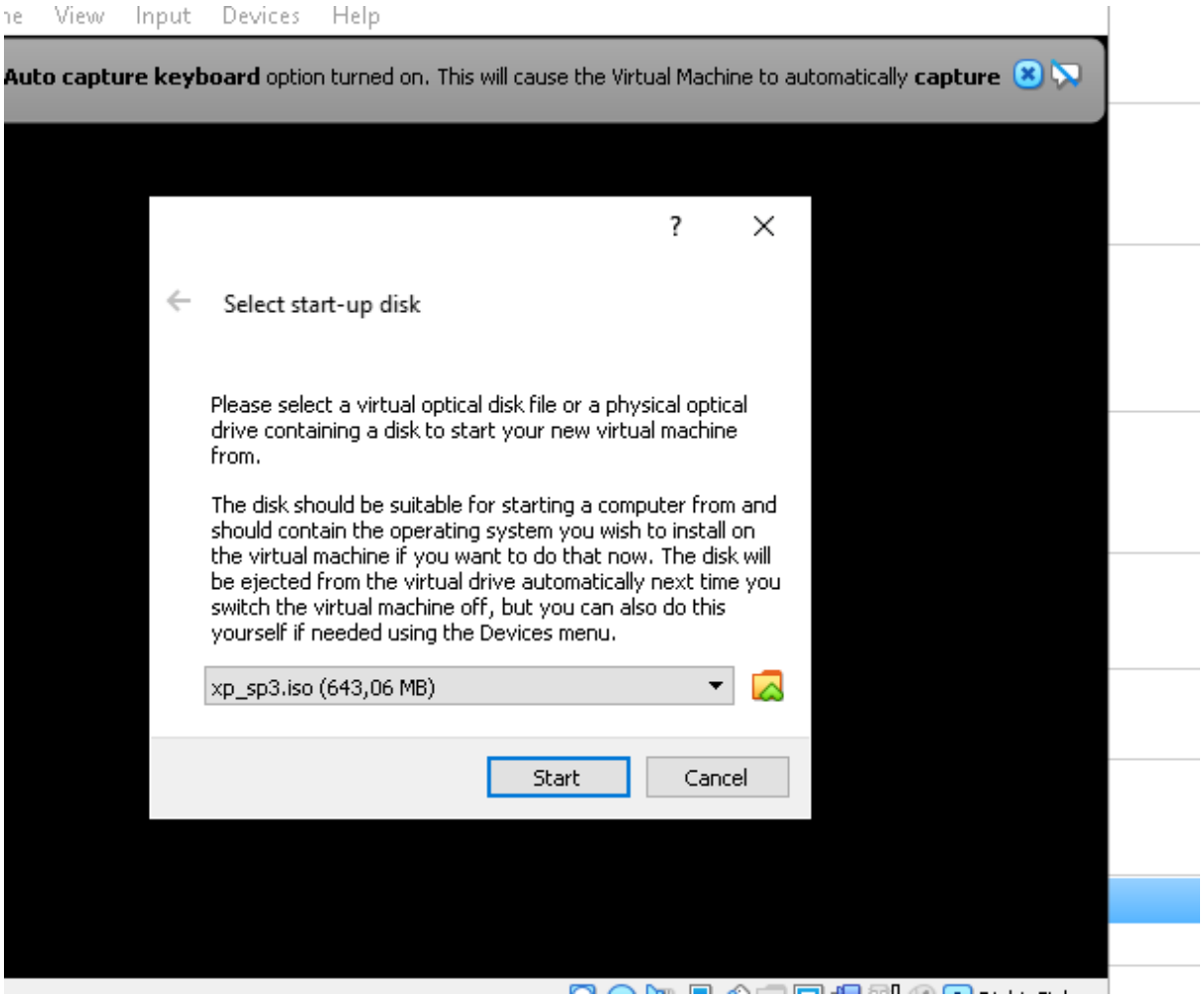
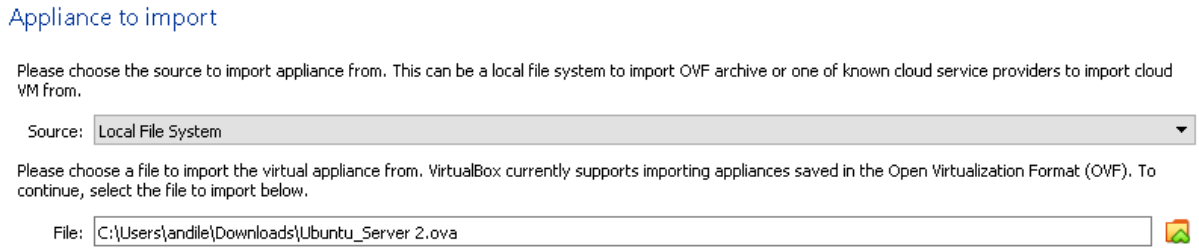
1. WINDOWS XP AND UBUNTU SERVER INSTALLATION SUMMARY




New
Settings
Discard
Start
Windows XP - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
Storage
Storage Devices
Controller: IDE
Windows XP.vdi
xp_sp3.iso
Attributes
Optical Drive:
IDE Secondary Master
Live CD/DVD
Information
Type: Image
Size: 643,06 MB
Location: C:\Users\andile\Downloads\xp_sp...
Attached to: Windows xp
OK
Cancel
None

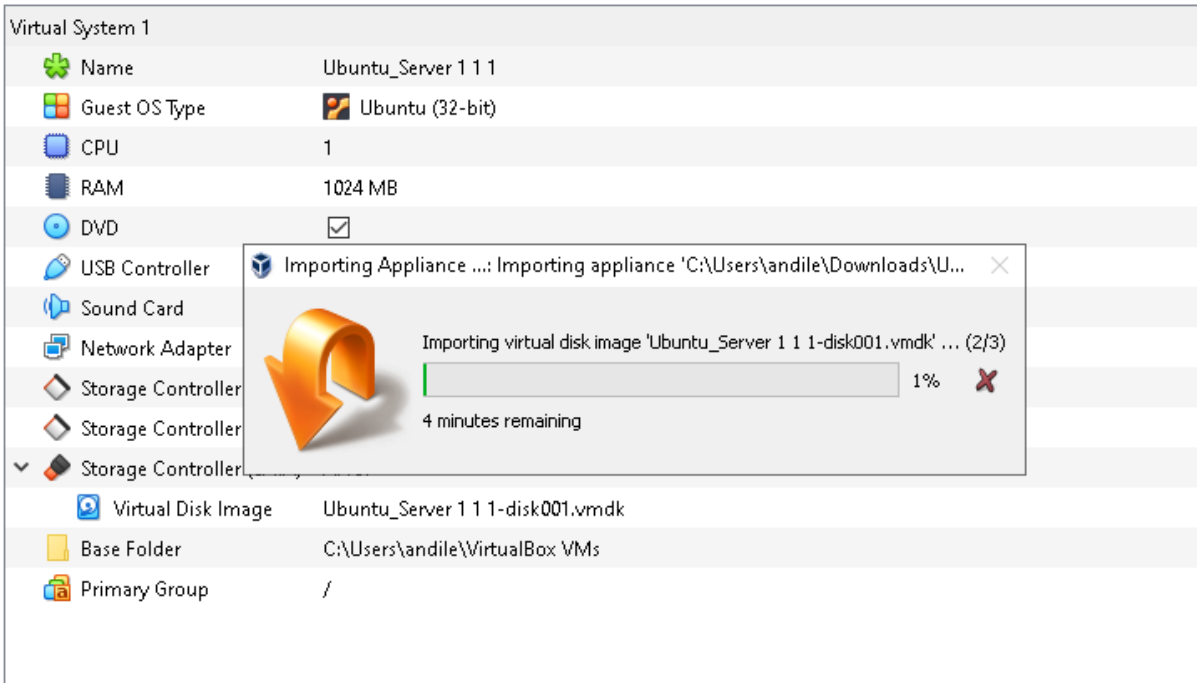

View Input Devices Help
Auto capture keyboard option turned on. This will cause the Virtual Machine to automatically capture
Select start-up disk
Please select a virtual optical disk file or a physical optical drive containing a disk to start your new virtual machine from.
The disk should be suitable for starting a computer from and should contain the operating system you wish to install on the virtual machine if you want to do that now. The disk will be ejected from the virtual drive automatically next time you switch the virtual machine off, but you can also do this yourself if needed using the Devices menu.
xp_sp3.iso (643,06 MB)
Start
Cancel


Appliance to import
Please choose the source to import appliance from. This can be a local file system to import OVF archive or one of known cloud service providers to import cloud VM from.
Source:
Local File System
Please choose a file to import the virtual appliance from. VirtualBox currently supports importing appliances saved in the Open Virtualization Format (OVF). To continue, select the file to import below.
File:
C:\Users\andile\Downloads\Ubuntu_Server 2.ova

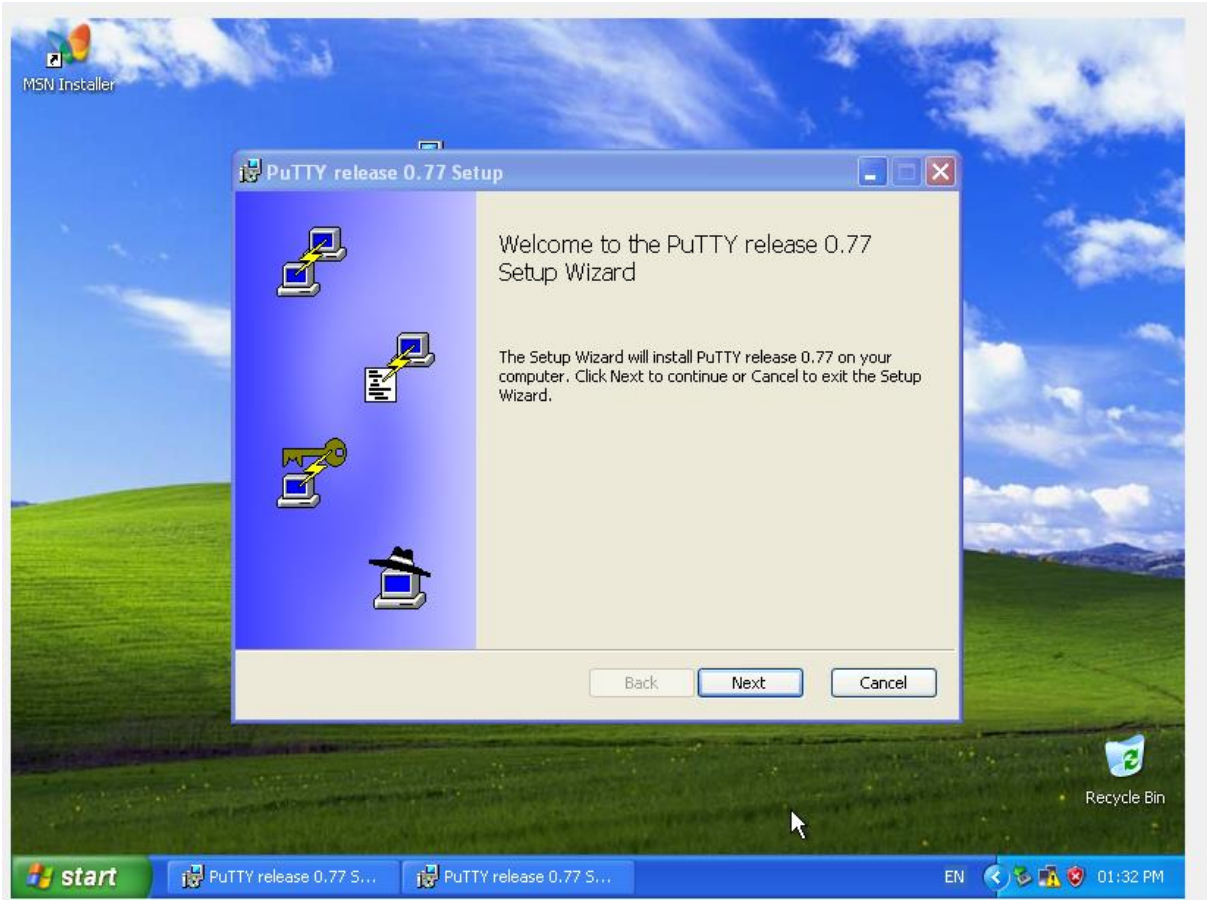
Import Virtual Appliance

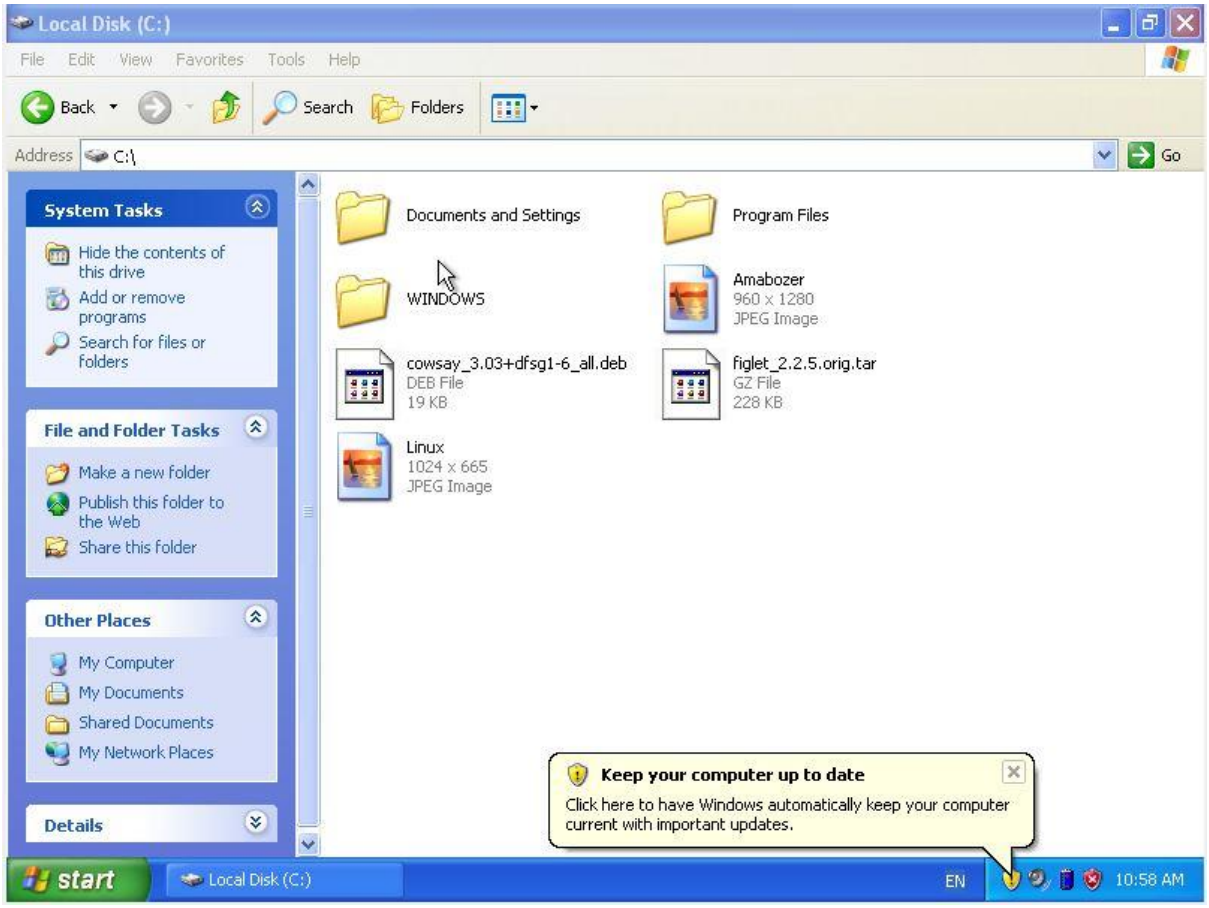
Appliance settings

These are the virtual machines contained in the appliance and the suggested settings of the imported VirtualBox machines. You can change many of properties shown by double-clicking on the items and disable others using the check boxes below.

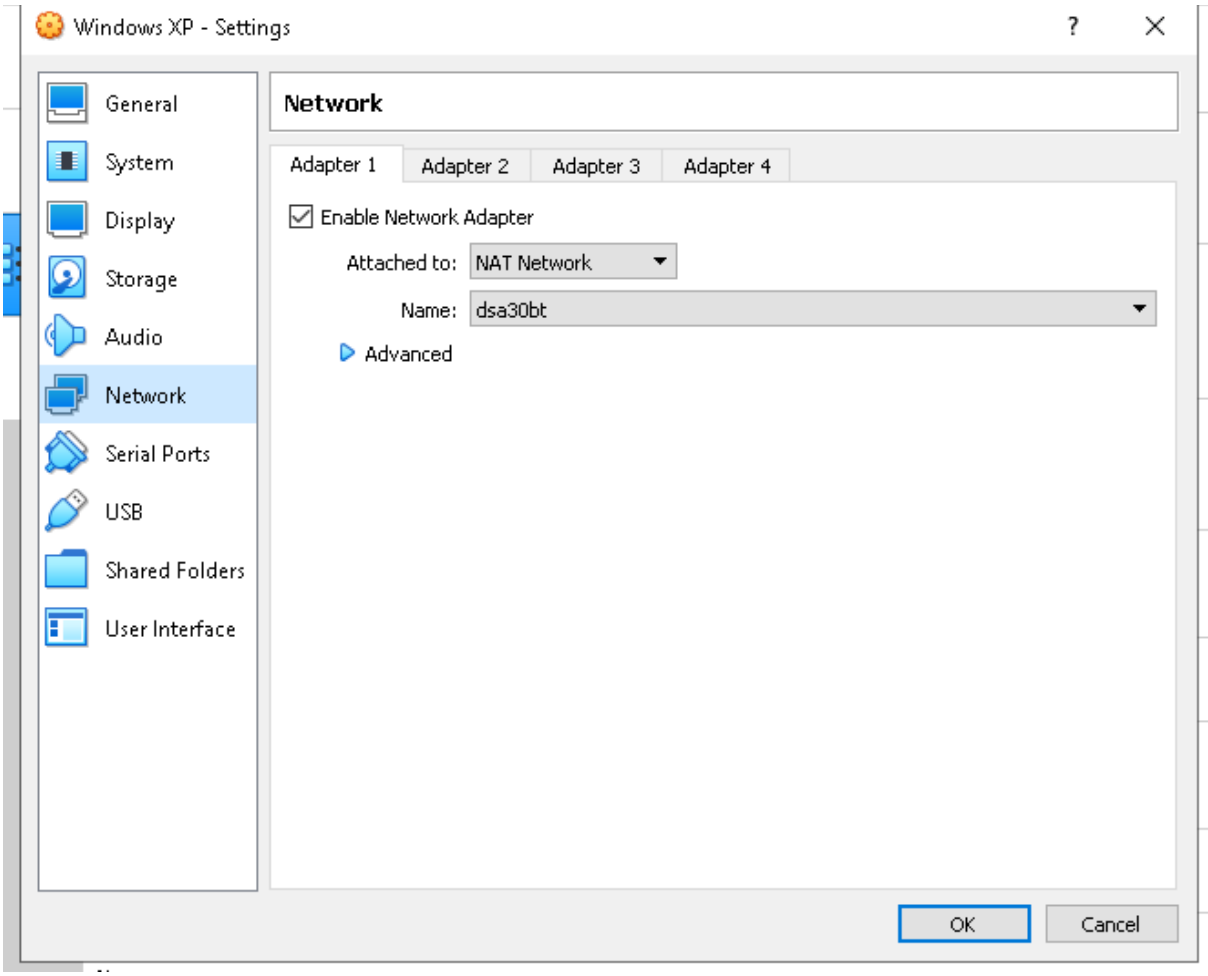


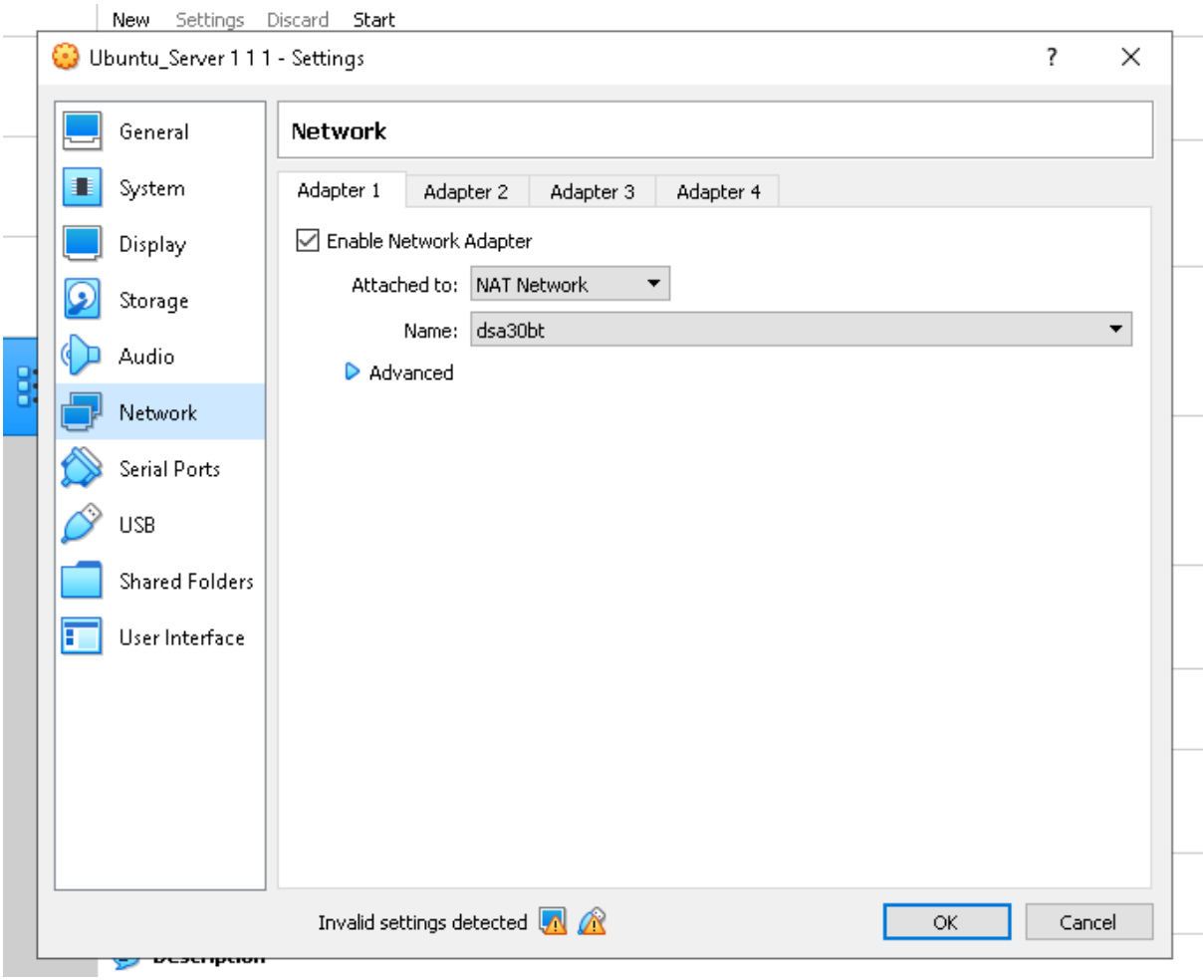
2. INSTALLATION OF PUTTY ,FIGLET,COWSAY AND IMAGES



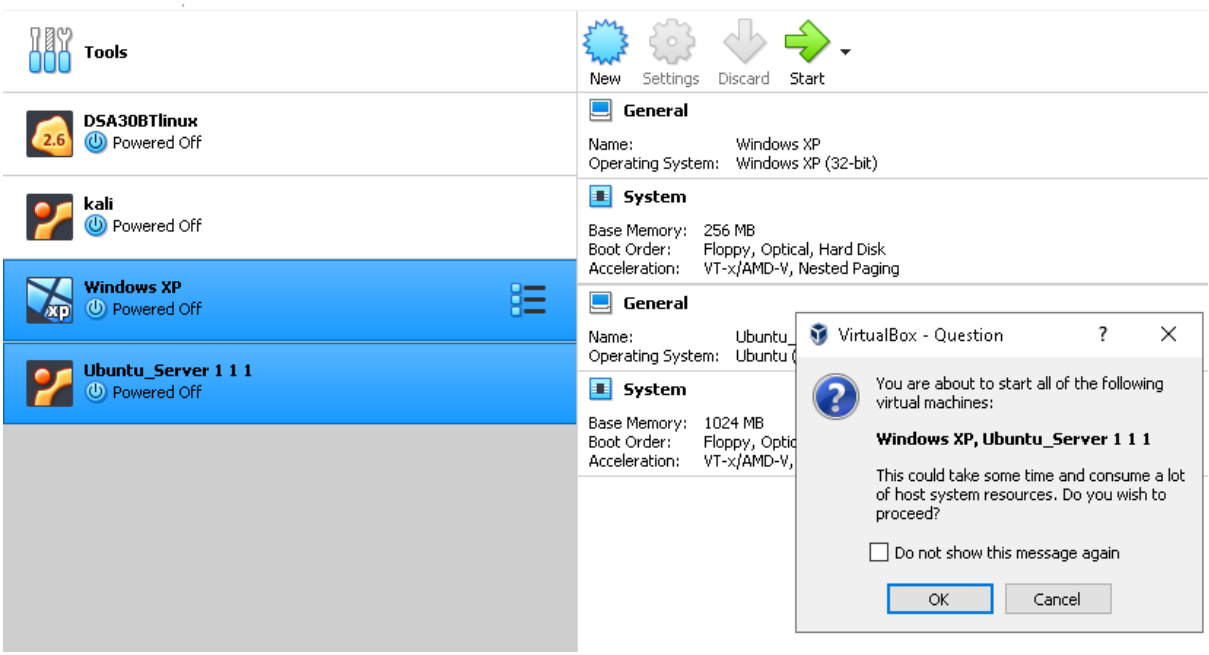

Local Disk (C:)
File Edit View Favorites Tools Help
Back Search Folders
Address C:\
Go
System Tasks
Hide the contents of this drive
Add or remove programs
Search for files or folders
File and Folder Tasks
Make a new folder
Publish this folder to the Web
Share this folder
Other Places
My Computer
My Documents
Shared Documents
My Network Places
Details
Documents and Settings
Program Files
WINDOWS
Amabozer
960 x 1280
JPEG Image
cowsay_3.03+dfsg1-6_all.deb
DEB File
19 KB
figlet_2.2.5.orig.tar
GZ File
228 KB
Linux
1024 x 665
JPEG Image
Keep your computer up to date
Click here to have Windows automatically keep your computer current with important updates.
start
Local Disk (C:)
EN
10:58 AM

2. SETUP NETWORK OF WINDOWS XP AND UBUNTU SERVER





4.RUNNING OF WINDOWS XP AND UBUNTU SERVER SIMULTENEOUSLY

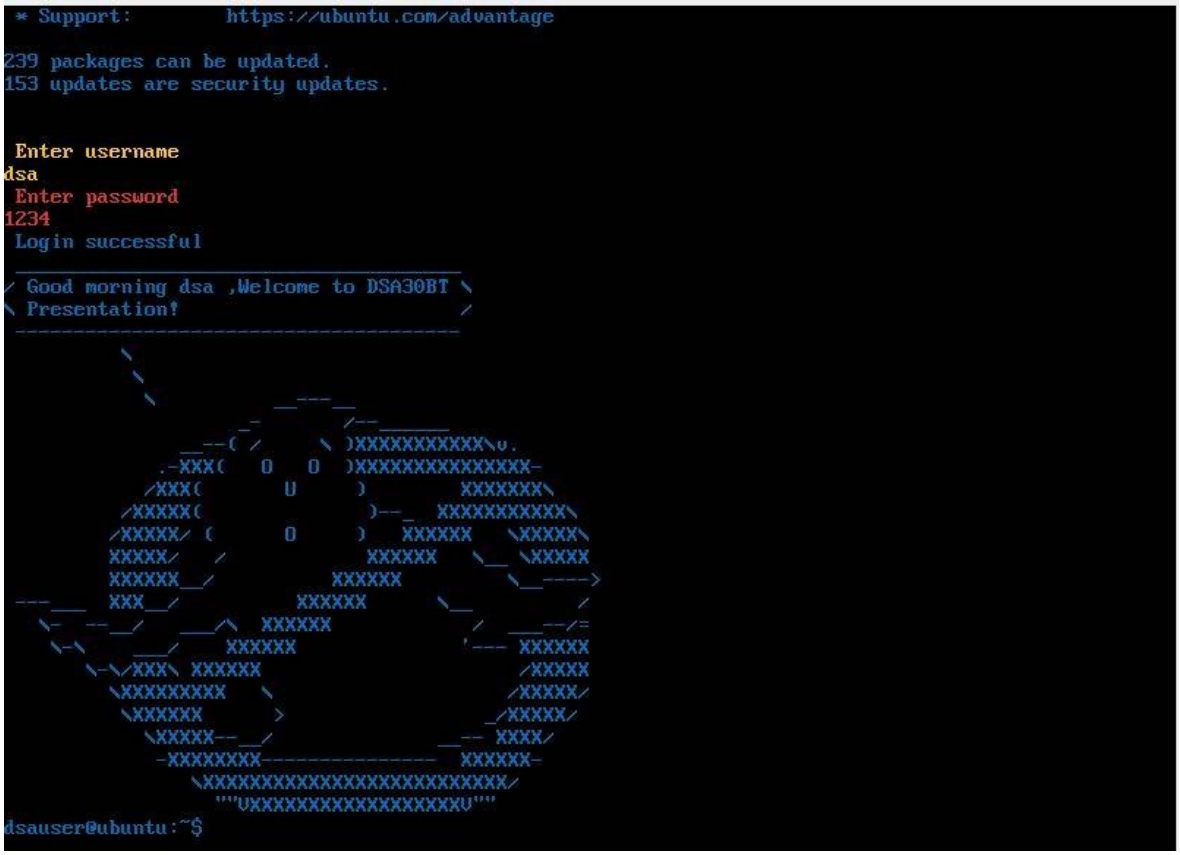


ACTIVITY 1

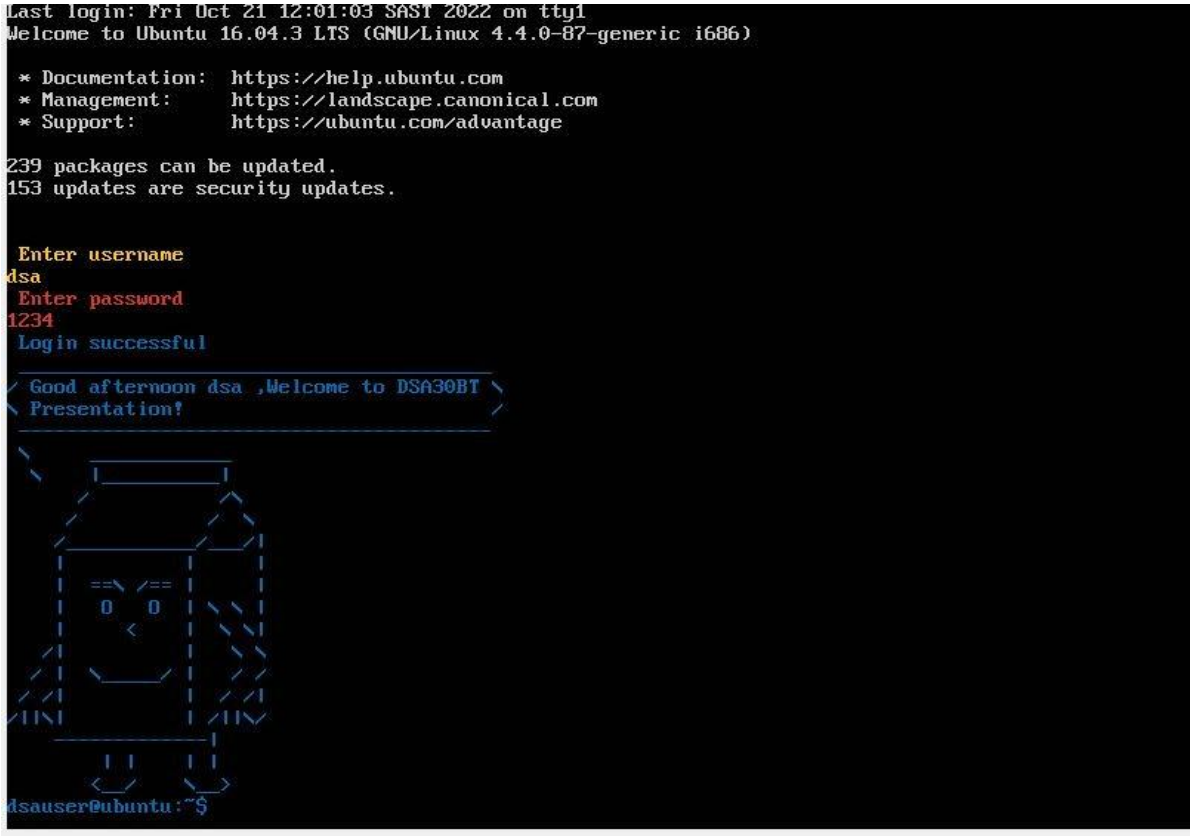
PURPOSE : Writing a welcoming script called .bashrc, the script must run as soon as you have logged in ubuntu server. The script must greet the user depending on the time of the day. The script must display a greeting message on the terminal.

```
 GNU nano 2.5.3                    File: .bashrc

YELLOW="\033[33m"
RED="\033[31m"
BLUE="\033[34m"

echo -e "$YELLOW Enter username"
read username
echo -e "$RED Enter password"
read password

if [[ $username == "dsa" || $password == "1234" ]];then
echo -e "$BLUE Login successful "
currtime=$(date "+%H")
if [ $currtime -lt 12 ];then
cowsay -f ghostbusters Good morning $username ,Welcome to DSA30BT Presentation!
elif [ $currtime -lt 18 ];then
cowsay -f milk.cow Good afternoon $username ,Welcome to DSA30BT Presentation!
else
cowsay -f eyes Good evening $username ,Welcome to DSA30BT Presentation!
fi
else
echo "invalid login"
logout
fi
```

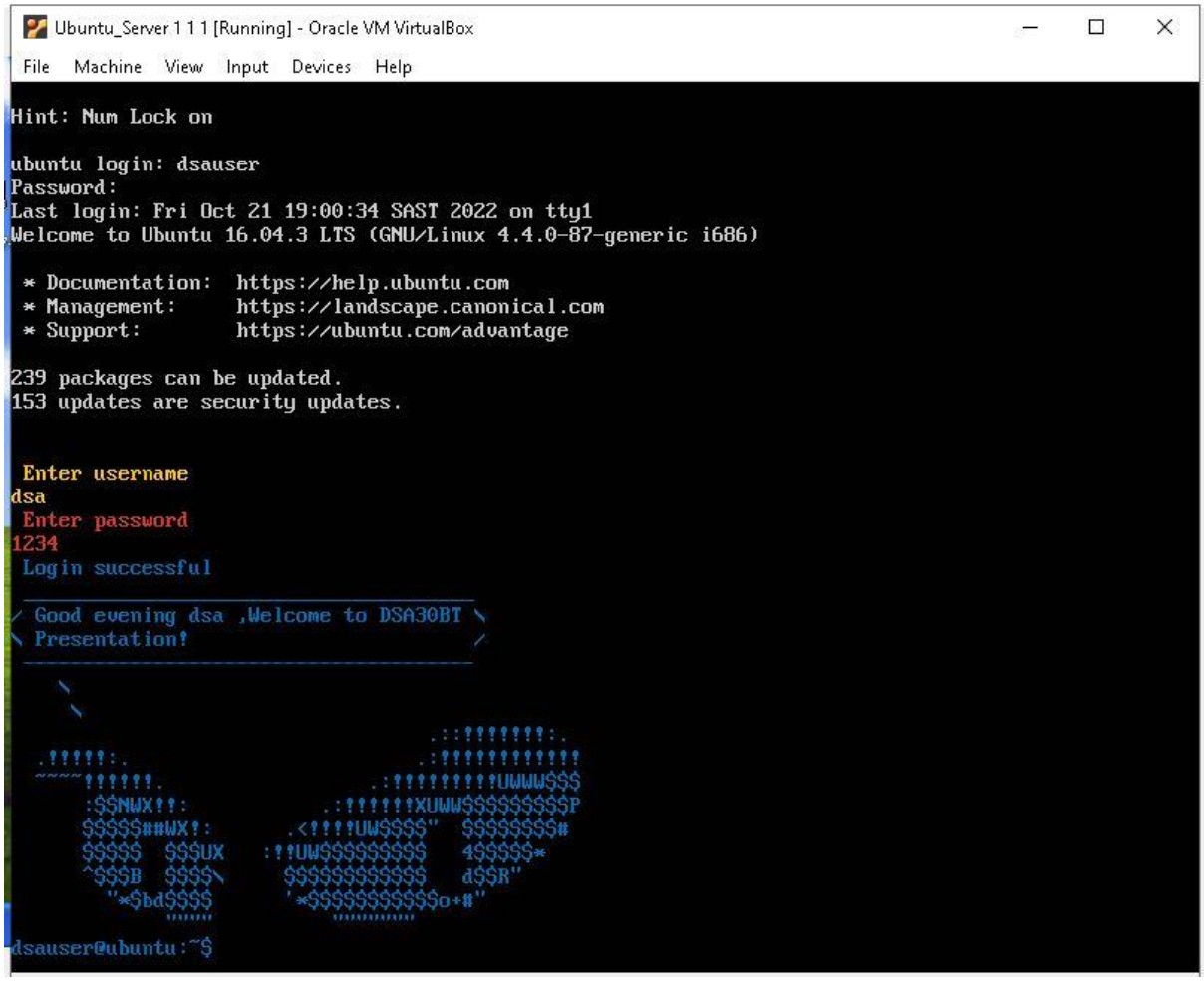
Morning output



Afternoon output

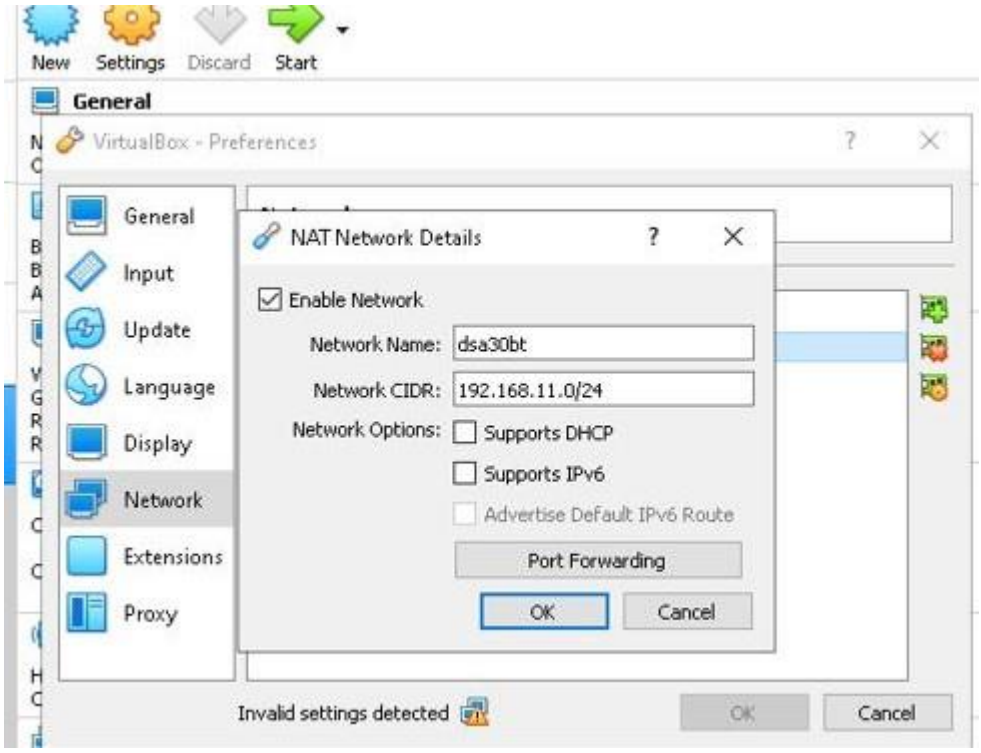


Evening output



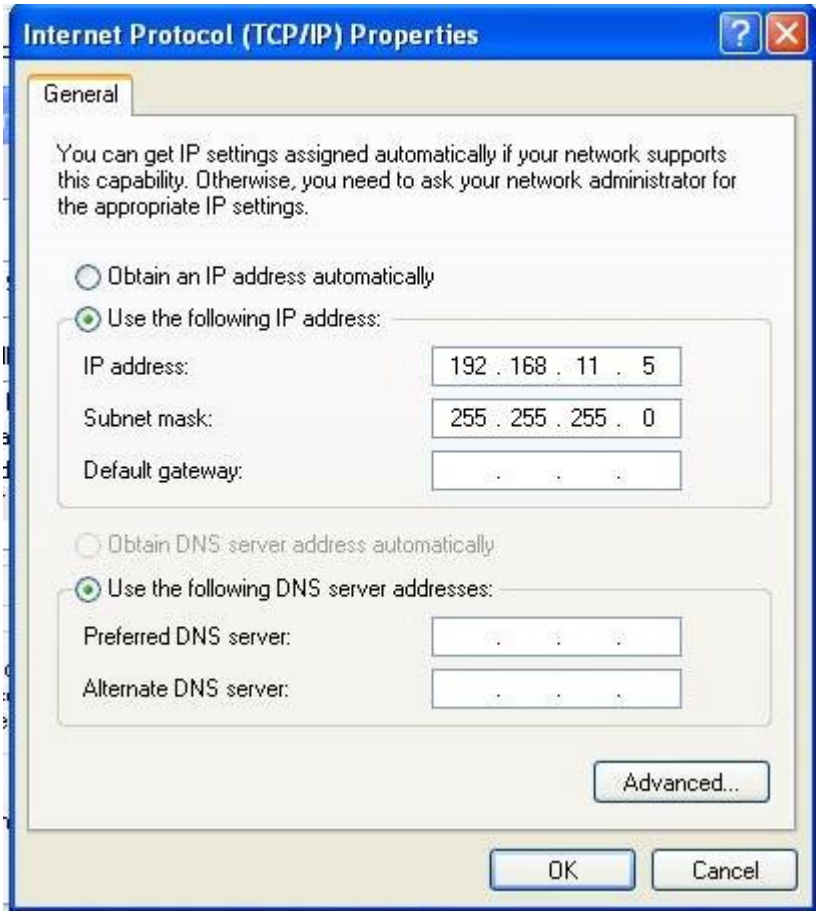
ACTIVITY 2

TASK 1 : Setup the vm

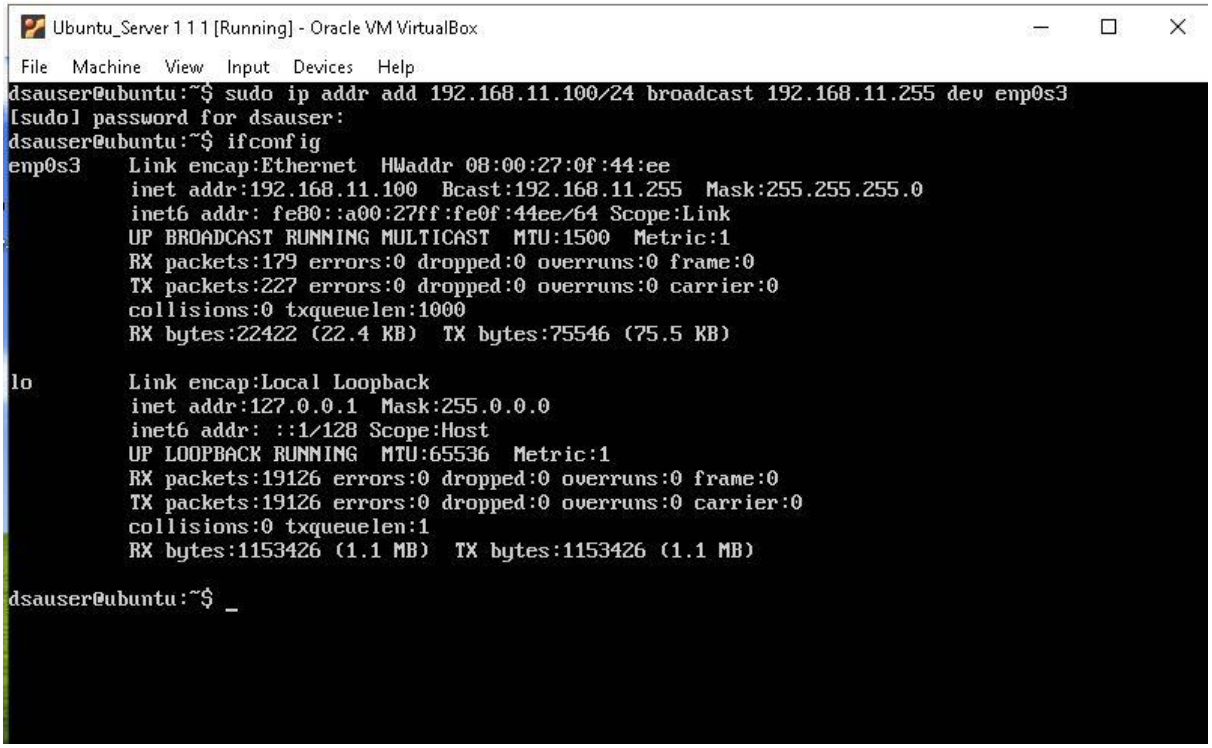


TASK 2 : Setup windows xp and ubuntu server to communicate.

Setting up ip address on windows xp.



Setting up ip address on ubuntu server.

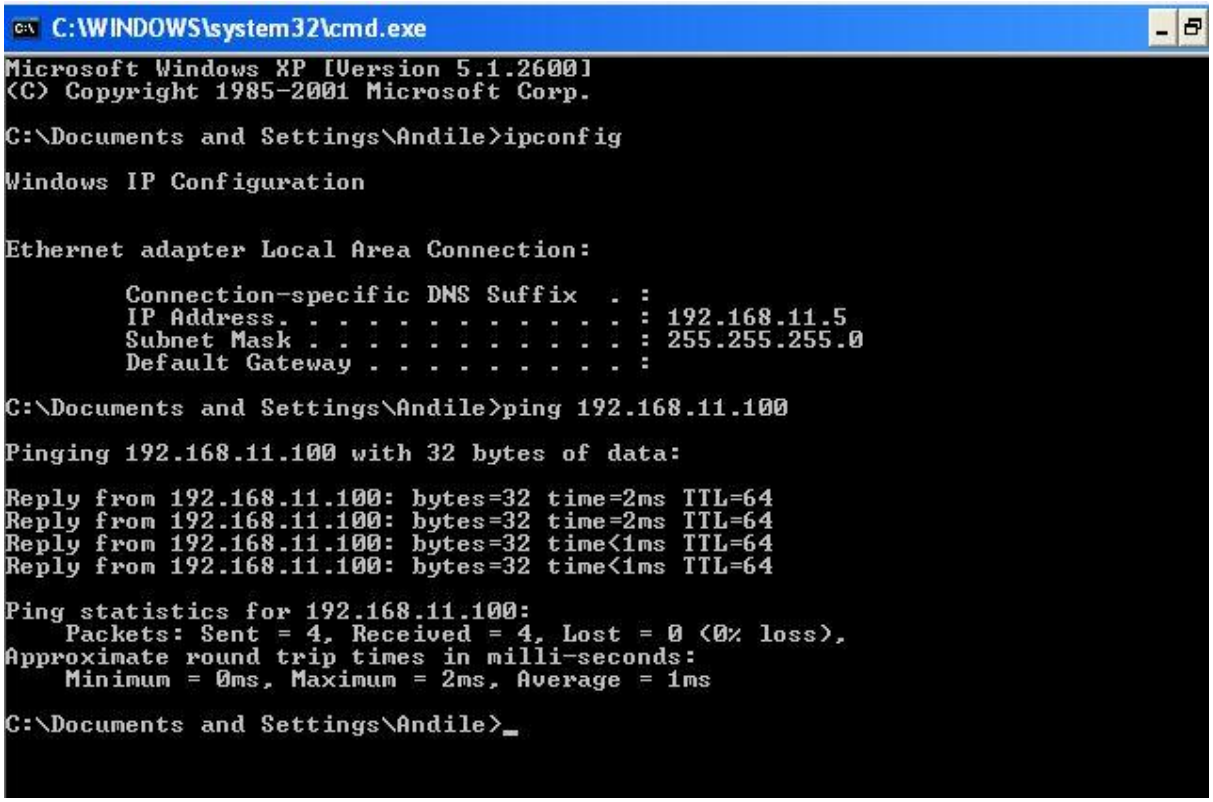


TASK 3: Testing connectivity.

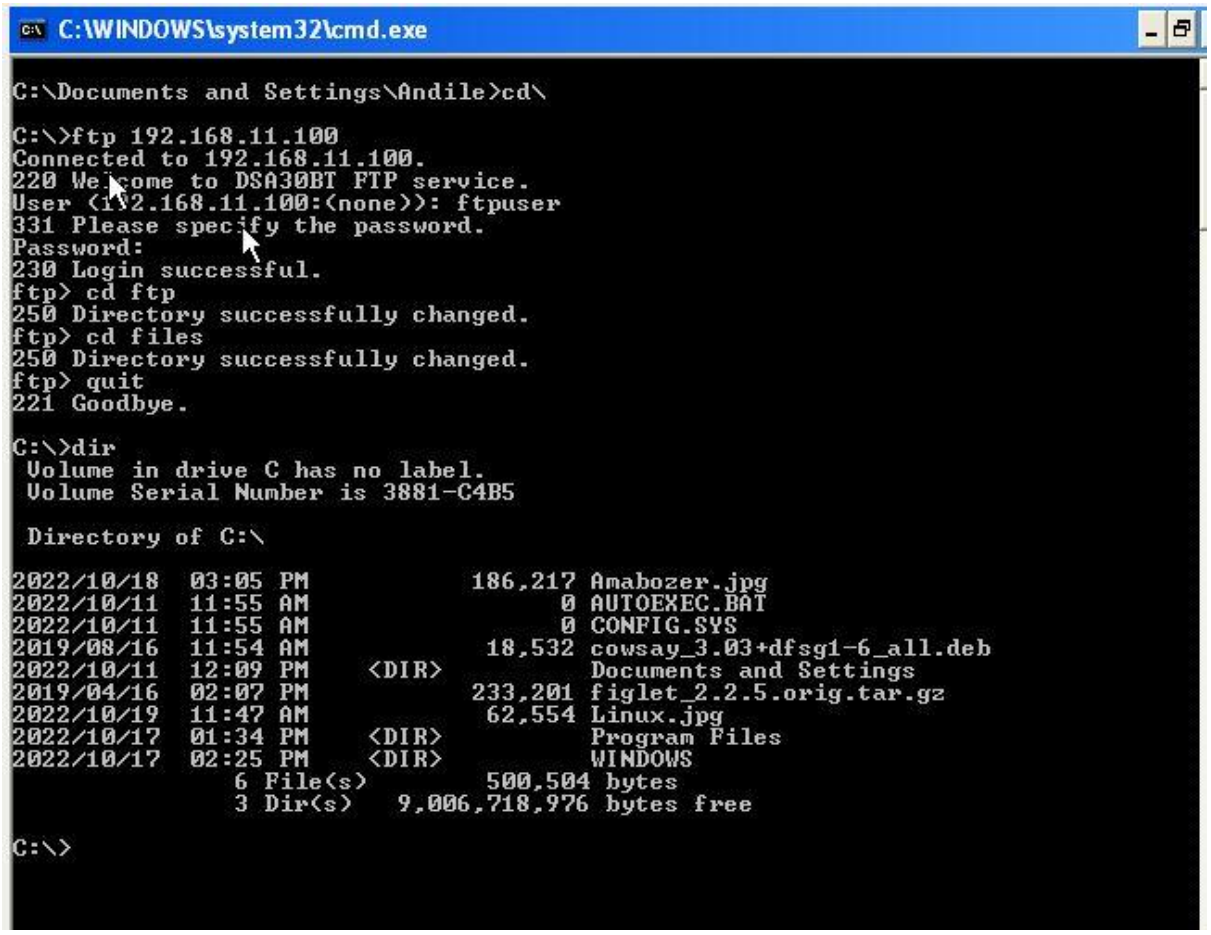
1.open command prompt on windows xp

2.type ipconfig

3.type ping and the ip address of ubuntu server

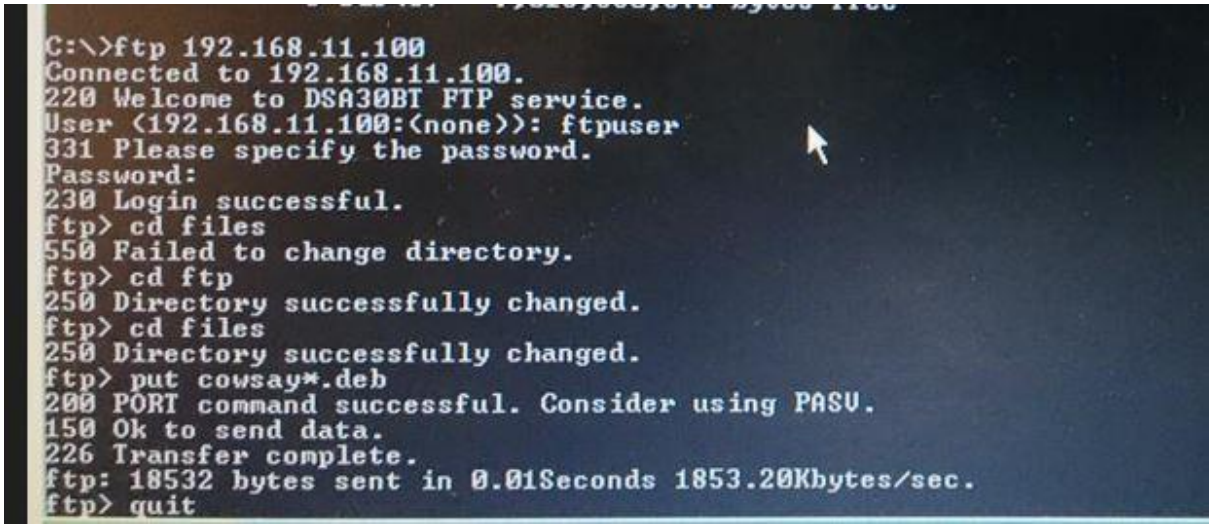


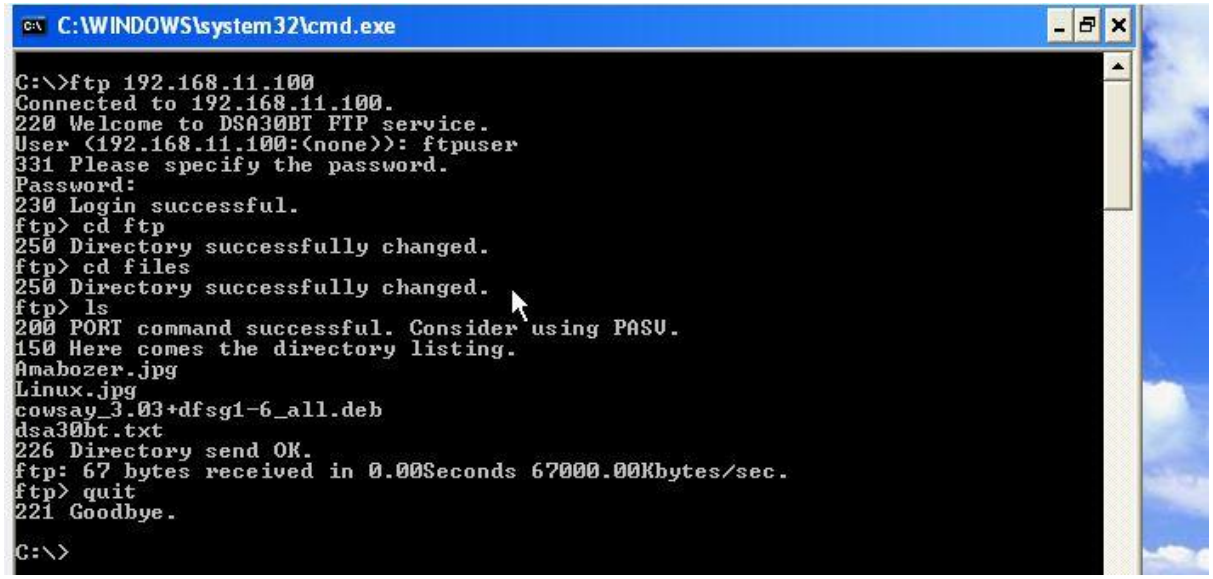
TASK 4 : Connect windows xp to ubuntu server using FTP and upload pictures



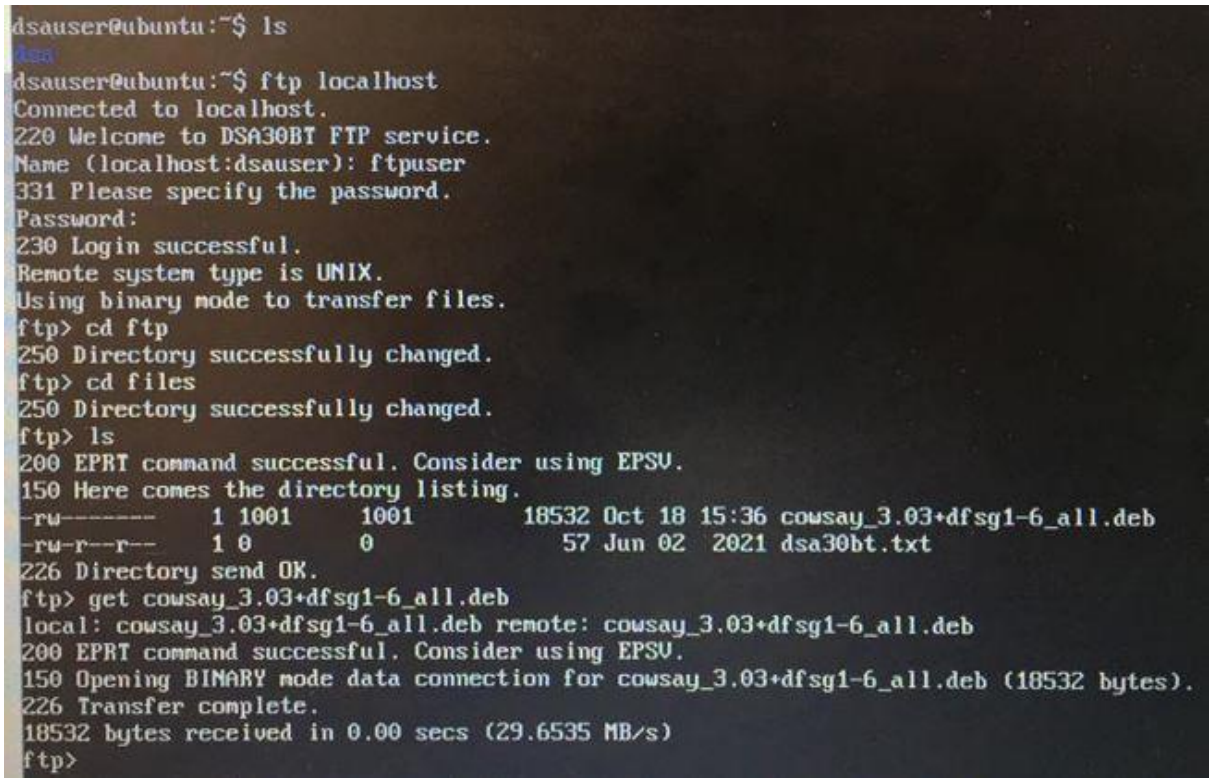
Windows xp terminal go to file directory

Type:put linux .jpg and Amabozer.jpg

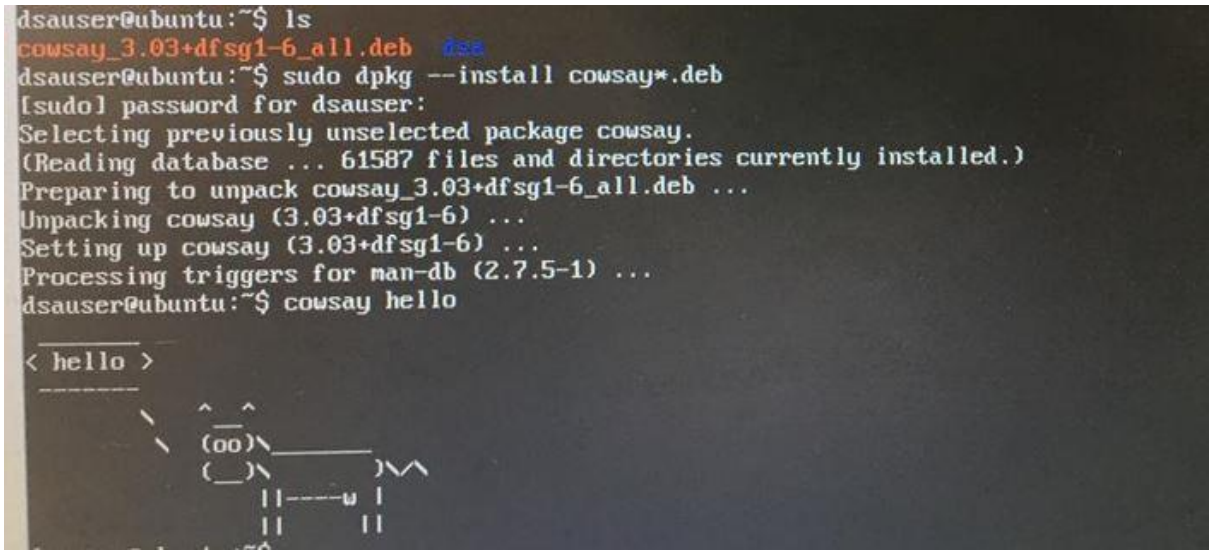




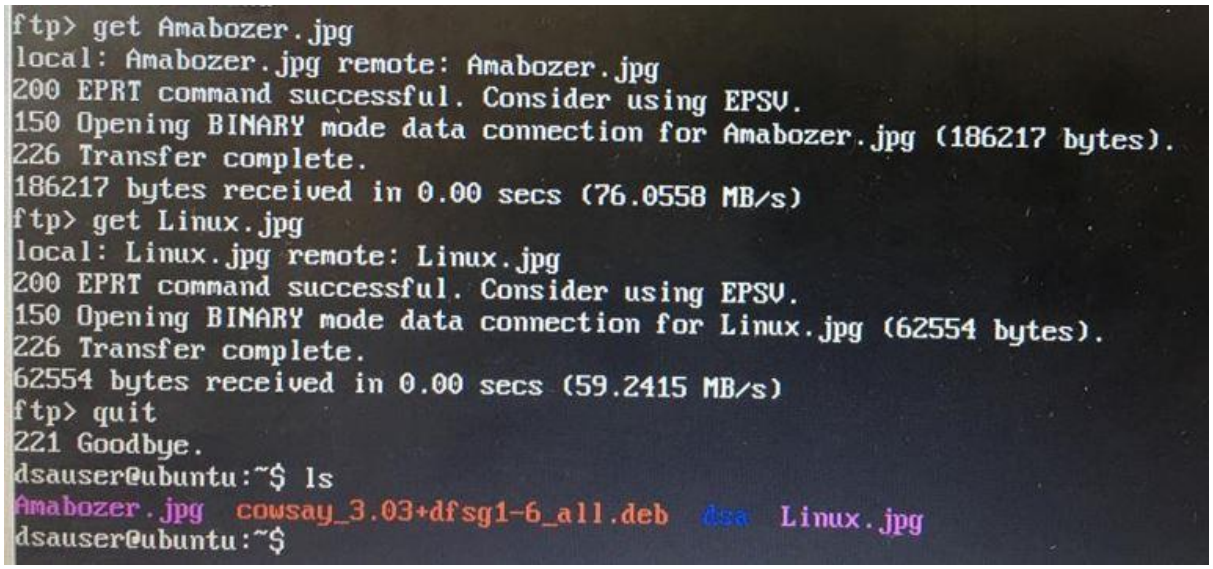
TASK 5 : Locate the cowsay that was uploaded to ubuntu FTP server



Installation of cowsay.



TASK 6: Locate the pictures that was uploaded to ubuntu FTP server



TASK 7 :UPDATES THE WEBSITE

We moved images to html files using command

Mv ~*.jpg /var/www/dsa*/htm*

Type nano index.html

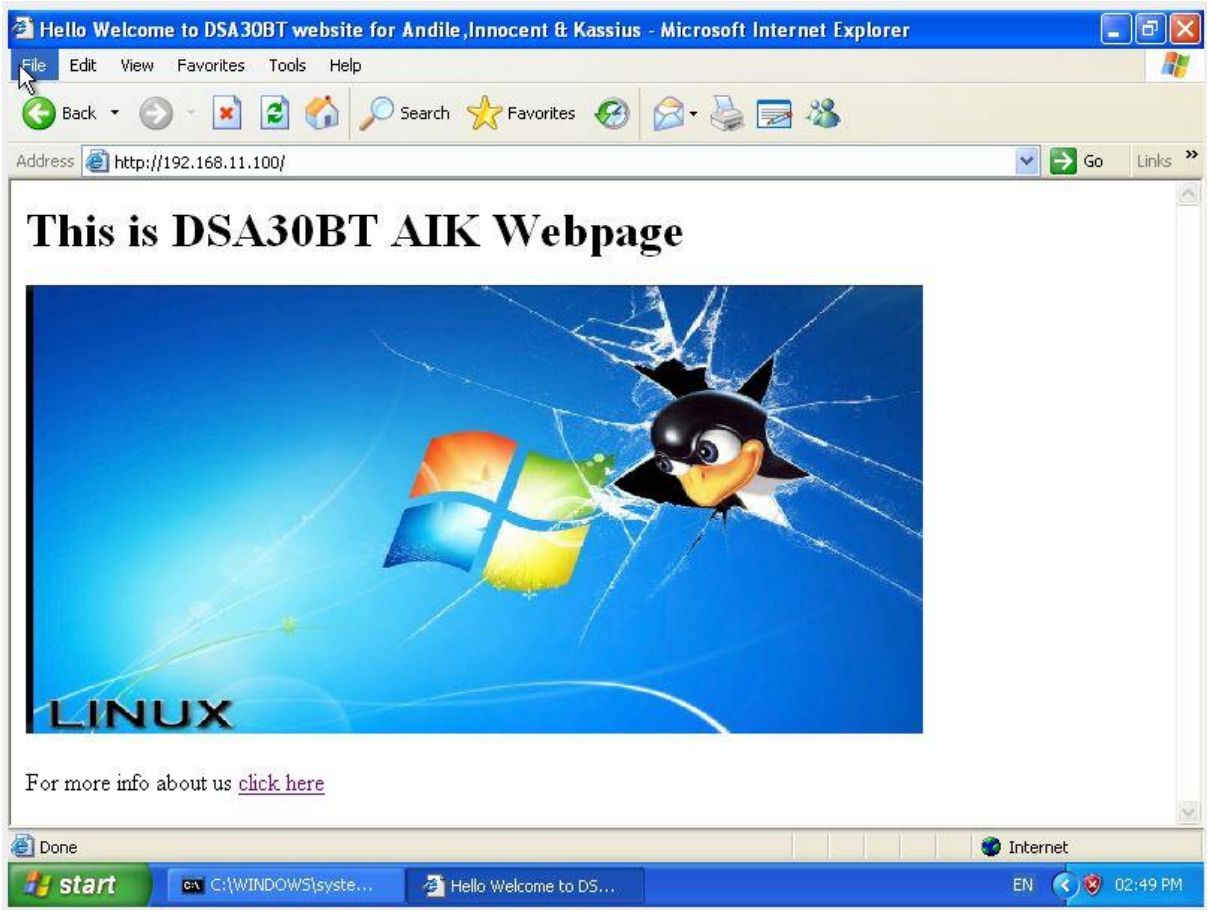
```
  GNU nano 2.5.3                    File: index.html

<html>
<head>
<title>Hello Welcome to DSA30BT website for Andile,Innocent & Kassius</title>

</head>

<body>
<h1><b>This is DSA30BT AIK Webpage</b></h1>
<p>
<img src="Linux.jpg" width="600" height="300" />
</p>
<p>
For more info about us <a href="aboutus.html" > click here </a>
</p>
</body>
</html>
```

Type nano aboutus.html

```
  GNU nano 2.5.3                    File: aboutus.html

<html>
<head>
<title>This is developers Amabozer webpage</title>
</head>
<style>
 p{   background-color: yellow;
       border:2px solid white;
       padding: 15px;
       margin: 20px;
       font-weight: bold;
  }
h1 {

    font-weight: bold;
}
 body{
background-color: rgb(123,126,86);
}
</style>
<body>
<h1><b>This is Amabozer webpage</h1></b>
<p>
<img src="Amabozer.jpg" width="600" height="400" /></p>
<p>
<b>This are the group members</b></p>
<p>
Andile<br>
Innocent<br>
Cassius<br>
</p>
</body>
</html>
```

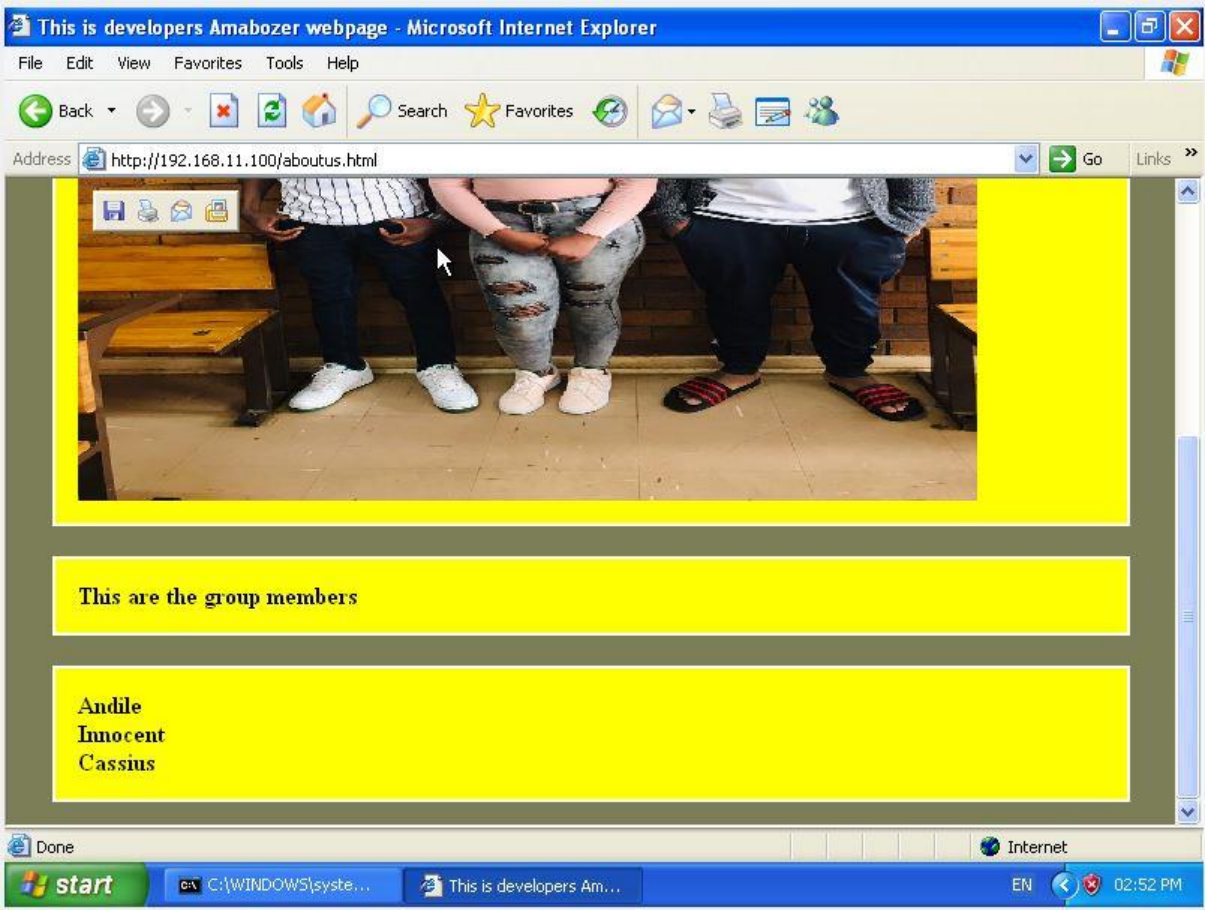
TASK 8: Verify that the website is updated.

We went to windows xp ,open in internet explorer and type ip address of ubuntu server.



After clicking the link

This is developers Amabozer webpage - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://192.168.11.100/aboutus.html
Go Links
This is Amabozer webpage
Done
Internet
start
C:\WINDOWS\syste...
This is developers Am...
EN
02:51 PM


This is developers Amabozer webpage - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://192.168.11.100/aboutus.html
Go Links
This are the group members
Andile
Innocent
Cassius
Done
Internet
start
C:\WINDOWS\syste...
This is developers Am...
EN
02:52 PM