

INDEX

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Branch : CSE

Year/Section : IV - B

Ex.No	List of Experiments	PageNo.	Signature
	VIRTUALIZATION		
1.	Create and run a virtual machine in your system using VMWare Workstation pro		
2.	To Virtualize a machine and check how many virtual machines can be utilize d ata at a particular time.		
3.	Create a VM clone and attach a virtual block to the cloned VM and take the snapshot of your VM.		
	PUBLIC CLOUD		
4.	To Develop a simple email automation service using Salesforce		
5.	To Launch a cloud instance using a public IaaS cloud service like the IBM cloud		
6.	Work with a public cloud service such as the Service Now/MS Azure		
	CLOUD SIMULATION		
7.	To Model a cloud environment using CloudSim		
8.	To Implement Round Robin task scheduling in both Time Shared and Space Shared CPU assignment		
	HADOOP – MAP REDUCE		
9.	Setup a single node Hadoop cluster and show the process using WEB UI		
10.	Demonstrate the MapReduce programming model by counting the number of words in a file		
11.	Implement the Max Temperature MapReduce program to identify the year wise maximum temperature from sensor data		

Exp No: 1

Date:

VIRTUALIZATION

INSTALLATION OF VIRTUAL MACHINE IN VIRTUAL BOX

AIM:

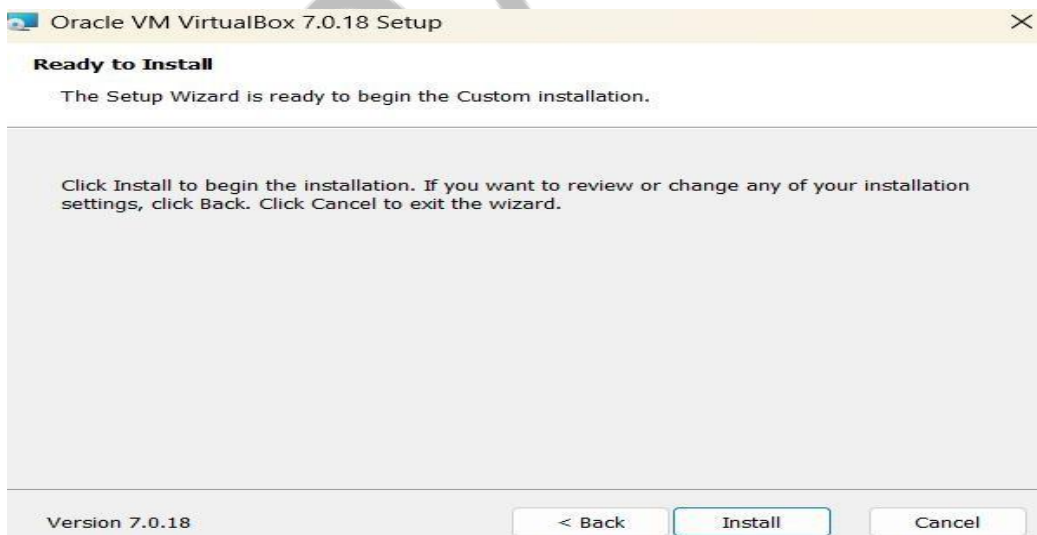
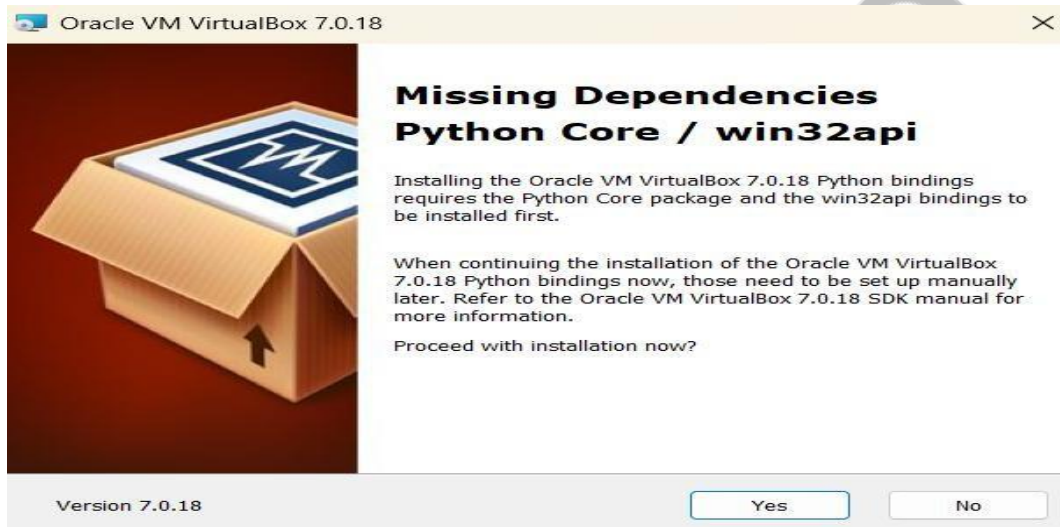
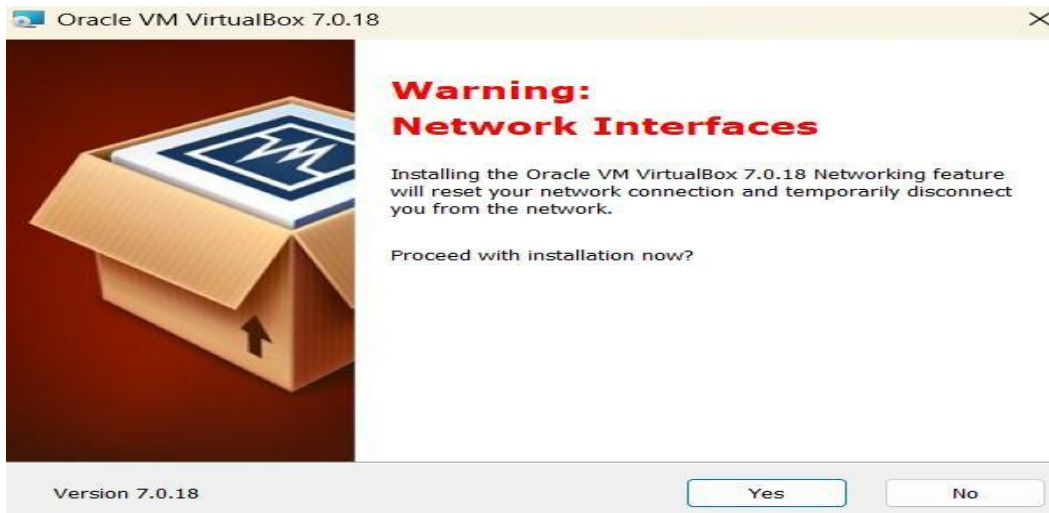
To configure a Virtual Machine using Virtual Box and Launch to execute a simple program using PYTHON.

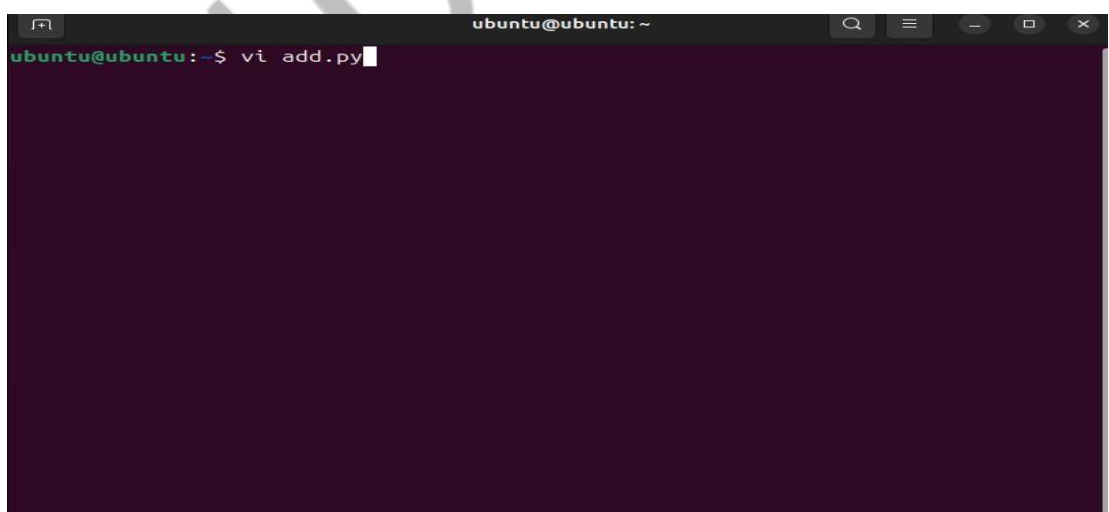
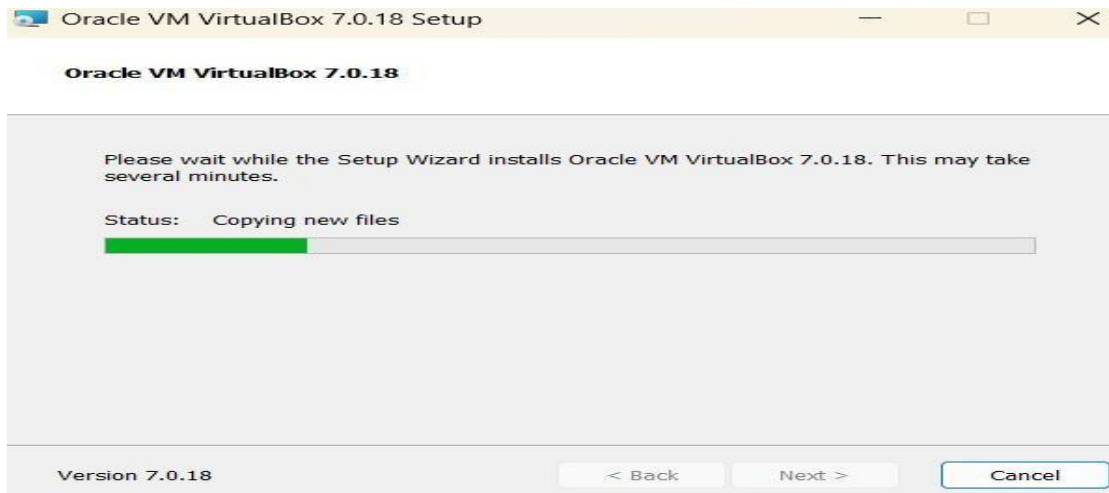
PROCEDURE:

1. Launch a Virtual Box
2. Create new virtual machine
3. Customize the set-up
4. Set username and password
5. Browse for .iso file of an operating system
6. Configure the hardware capacity
7. Finish and power on the VM
8. Install C or PYTHON OR JAVA Compiler and execute a simple program


INSTALLATION:







PROGRAM:



```
ubuntu@ubuntu: ~  
#include<stdio.h>  
int main()  
{  
    printf("HELLOWORLD");  
    return 0;  
}
```

OUTPUT:



```
ubuntu@ubuntu: ~  
ubuntu@ubuntu:~$ gcc hello.c  
ubuntu@ubuntu:~$ ./a.out  
HELLOWORLDubuntu@ubuntu:~$
```

RESULT:

The virtual machine of Ubuntu OS was created using a virtual box. Ubuntu virtual machine running in Virtual Box.