Ex No. 1 **Reg no:210701518**

VIRTUALIZATION

INSTALLATION OF VIRTUAL MACHINE IN VIRTUAL BOX

AIM:

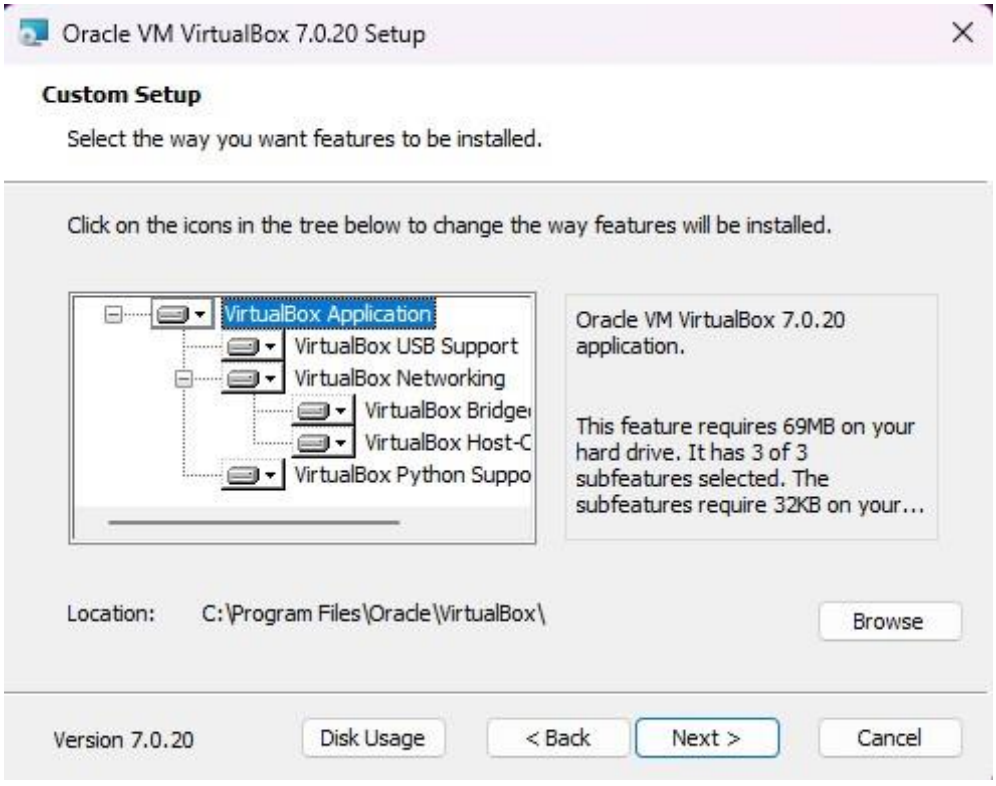
To configure a Virtual Machine using Virtual Box and Launch to execute a simple program using PYTHON.

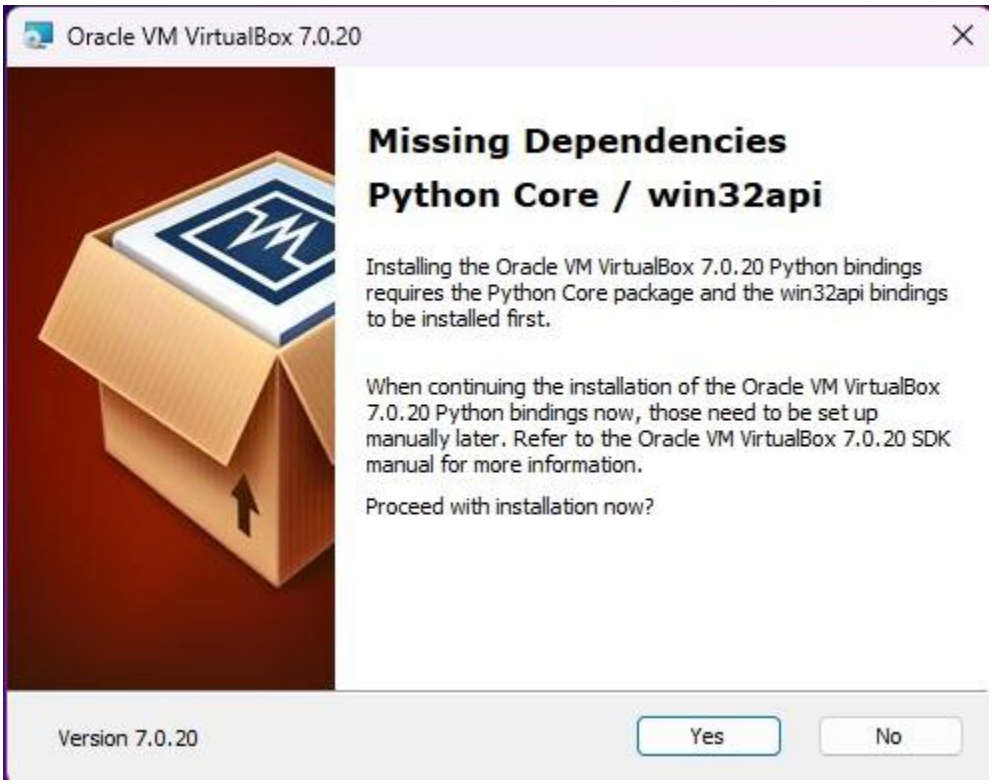
PROCEDURE:

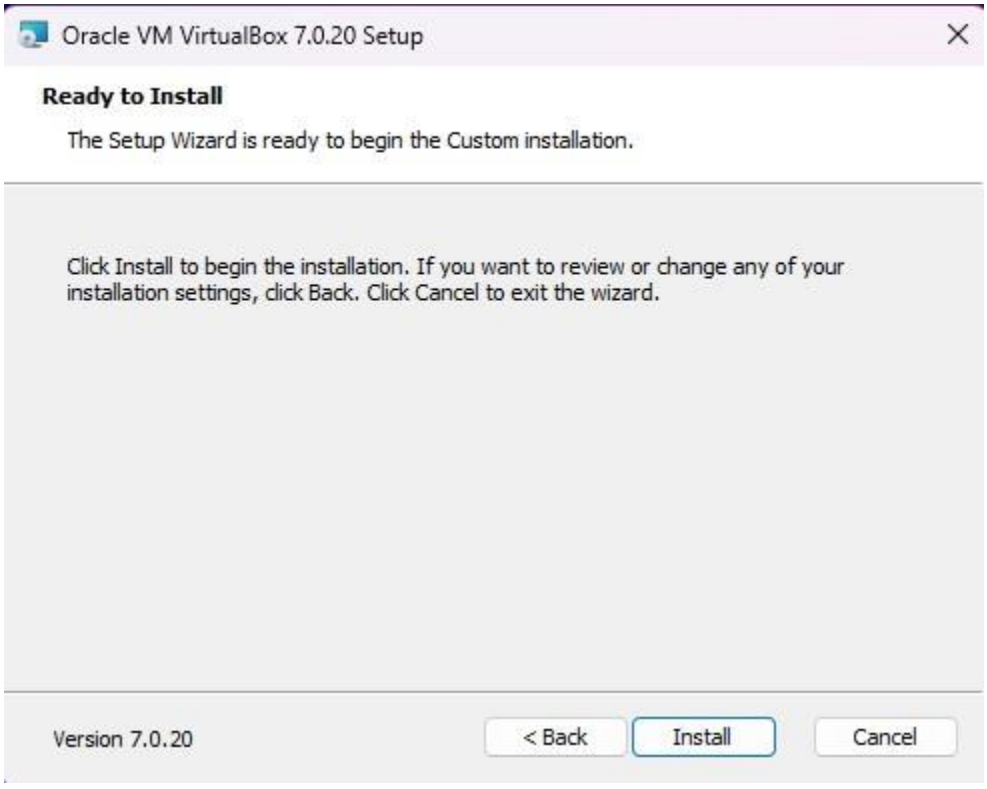
1. Launch a Virtual Box
2. Create new virtual machine
3. Customize the set-up
4. Set username and password
5. Browse for .iso file of an operating system
6. Configure the hardware capacity
7. Finish and power on the VM
8. Install C or PYTHON OR JAVA Compiler and execute a simple program.

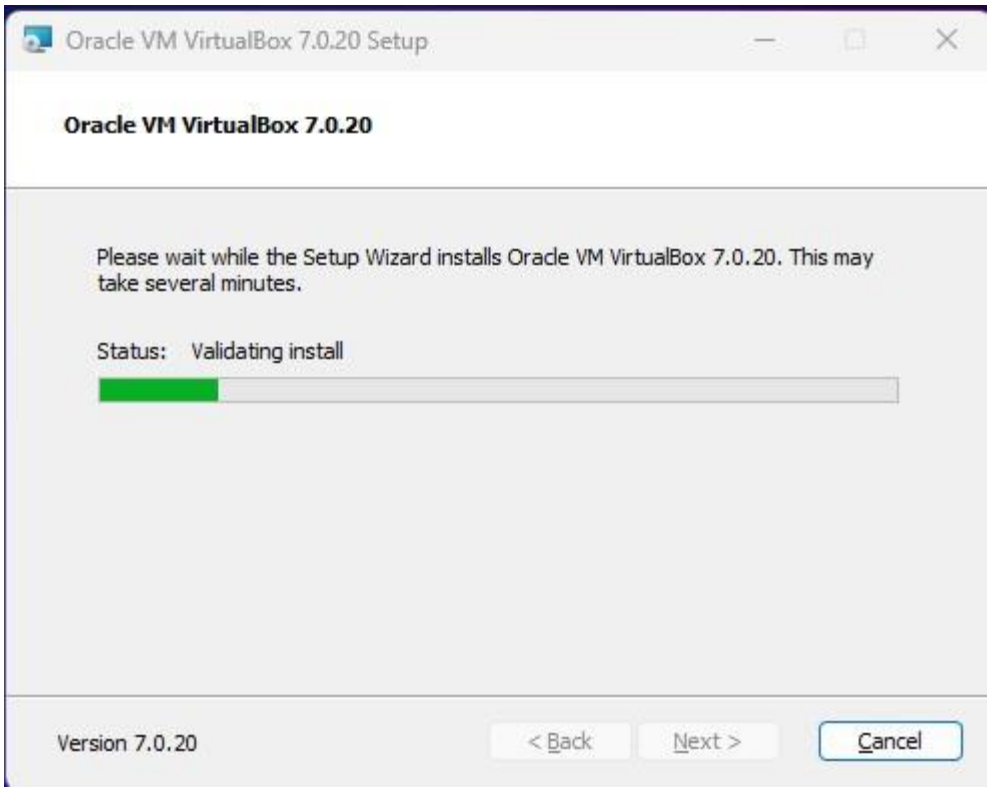
INSTALLATION:

Oracle VM VirtualBox 7.0.20 Setup
Welcome to the Oracle VM VirtualBox 7.0.20 Setup Wizard
The Setup Wizard will install Oracle VM VirtualBox 7.0.20 on your computer. Click Next to continue or Cancel to exit the Setup Wizard.
Version 7.0.20
Next >
Cancel


Oracle VM VirtualBox 7.0.20 Setup
Custom Setup
Select the way you want features to be installed.
Click on the icons in the tree below to change the way features will be installed.
VirtualBox Application
VirtualBox USB Support
VirtualBox Networking
VirtualBox Bridge
VirtualBox Host-C
VirtualBox Python Suppo
Oracle VM VirtualBox 7.0.20 application.
This feature requires 69MB on your hard drive. It has 3 of 3 subfeatures selected. The subfeatures require 32KB on your...
Location: C:\Program Files\Oracle\VirtualBox\
Browse
Version 7.0.20
Disk Usage
< Back
Next >
Cancel


Oracle VM VirtualBox 7.0.20
Missing Dependencies
Python Core / win32api
Installing the Oracle VM VirtualBox 7.0.20 Python bindings requires the Python Core package and the win32api bindings to be installed first.
When continuing the installation of the Oracle VM VirtualBox 7.0.20 Python bindings now, those need to be set up manually later. Refer to the Oracle VM VirtualBox 7.0.20 SDK manual for more information.
Proceed with installation now?
Version 7.0.20
Yes
No


Oracle VM VirtualBox 7.0.20 Setup
Ready to Install
The Setup Wizard is ready to begin the Custom installation.
Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
Version 7.0.20
< Back
Install
Cancel

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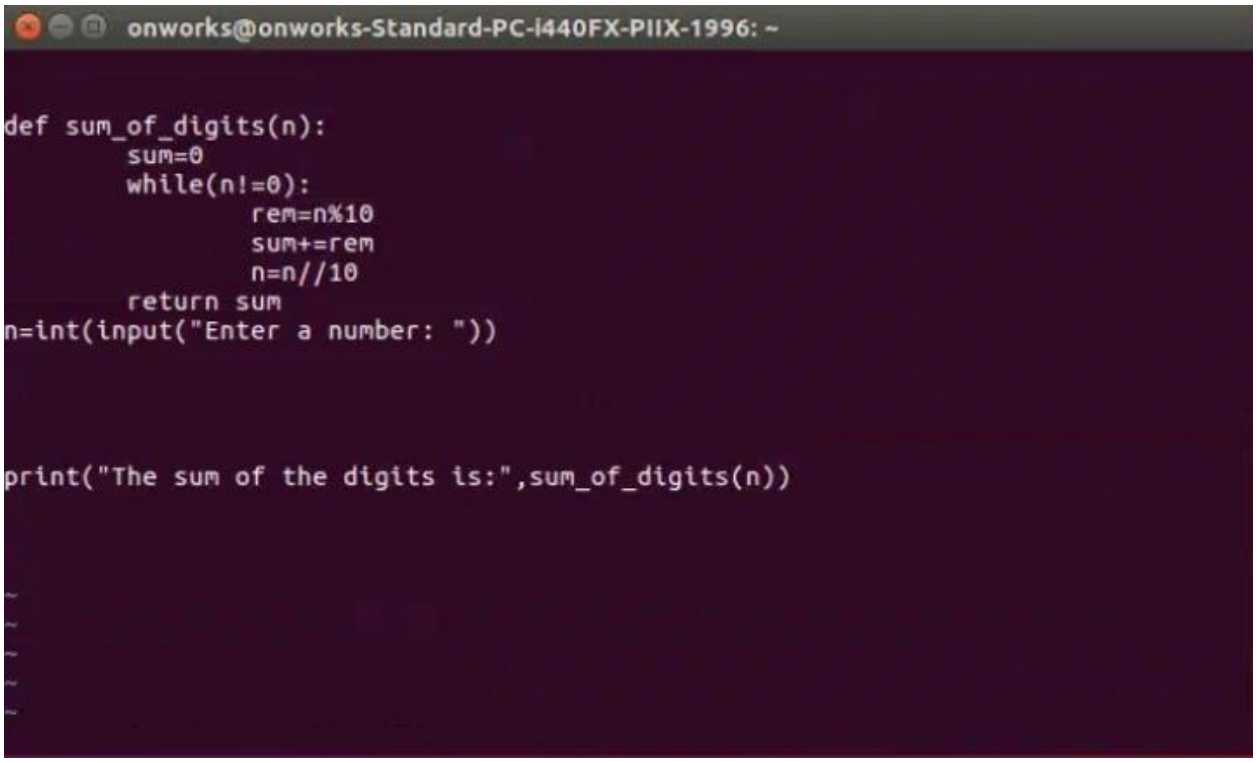
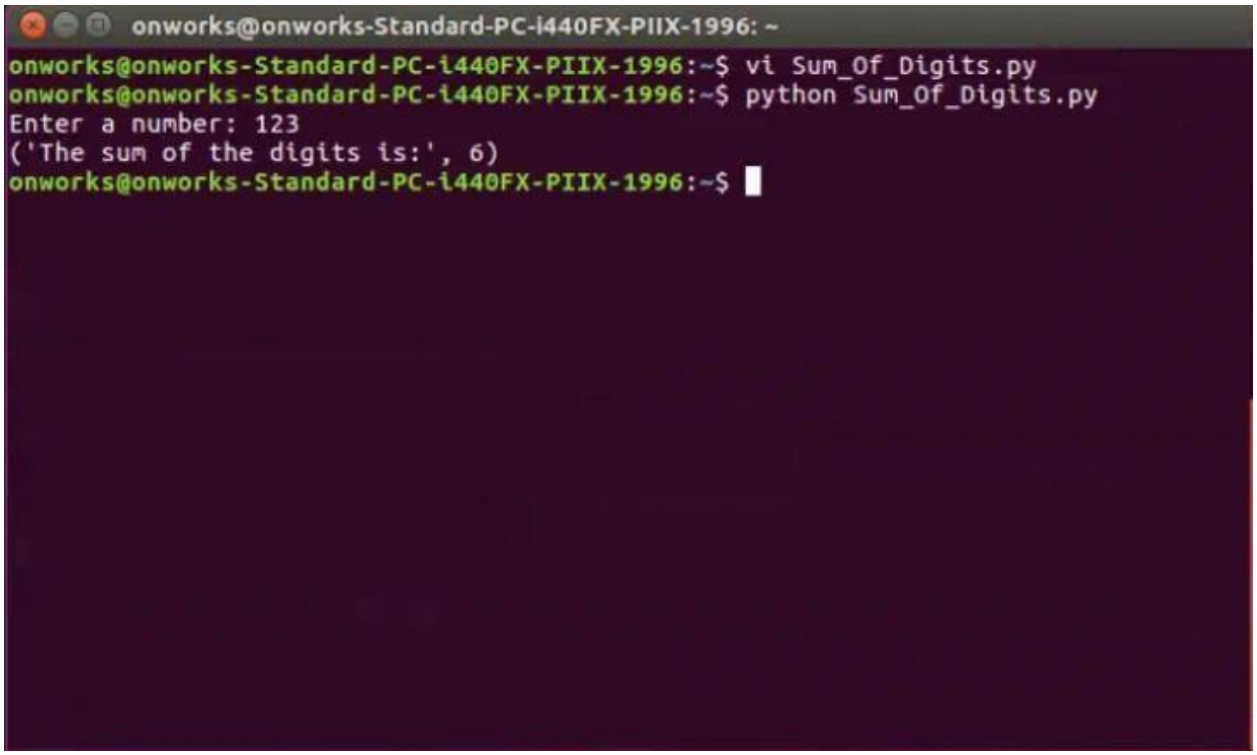
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~$ vi sum_of_digits.py
```

PROGRAM:



OUTPUT:



RESULT:

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