

VIRTUALIZATION

INSTALLATION OF VIRTUAL MACHINE IN VIRTUAL BOX

AIM:

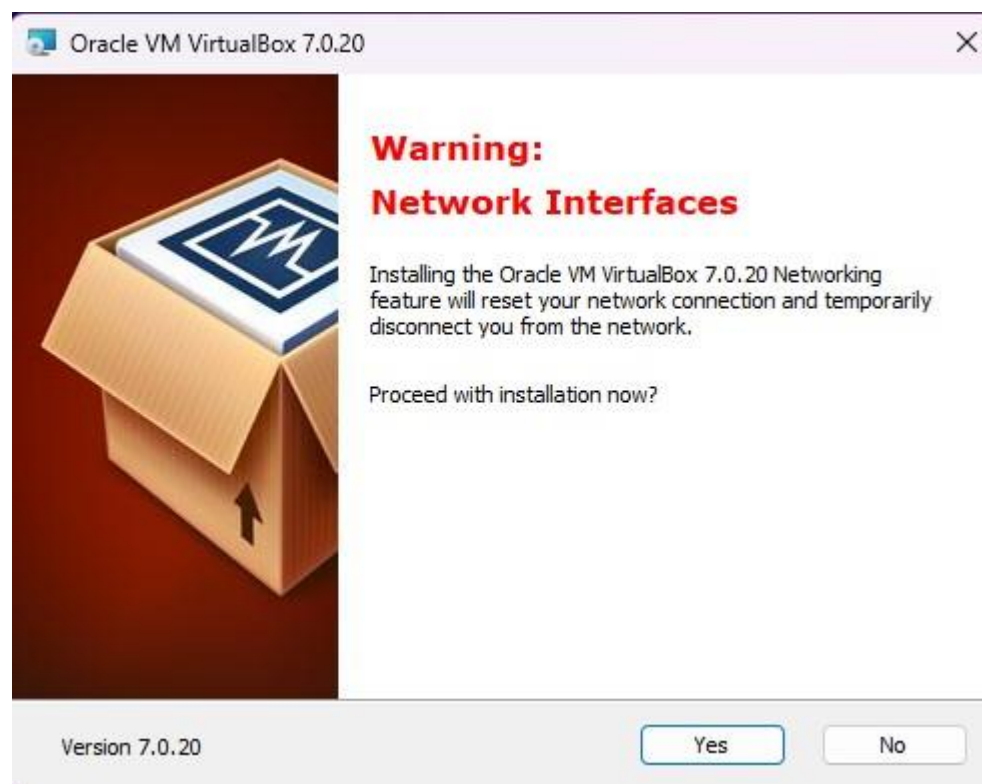
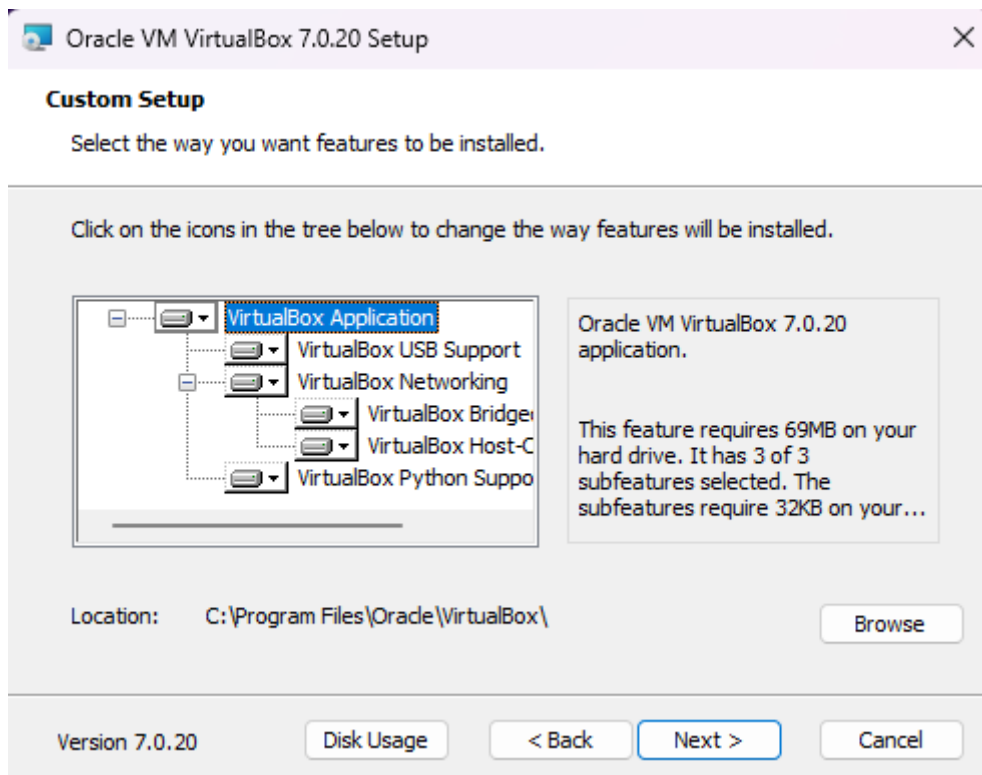
To configure a Virtual Machine using Virtual Box and Launch to execute a simple program using PYTHON.

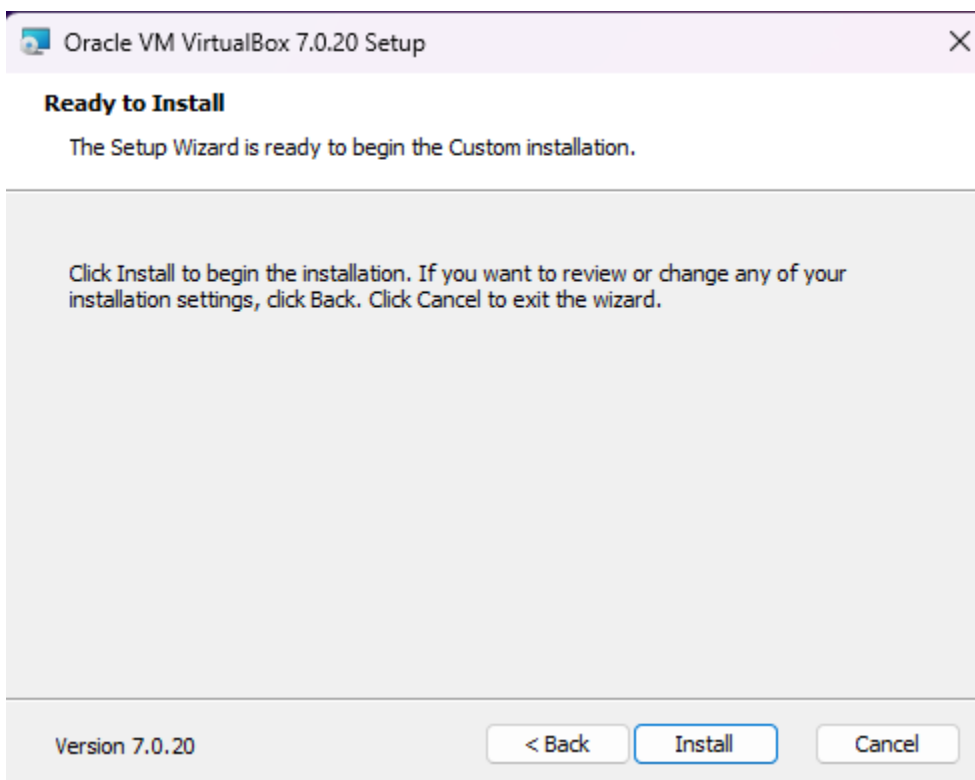
PROCEDURE:

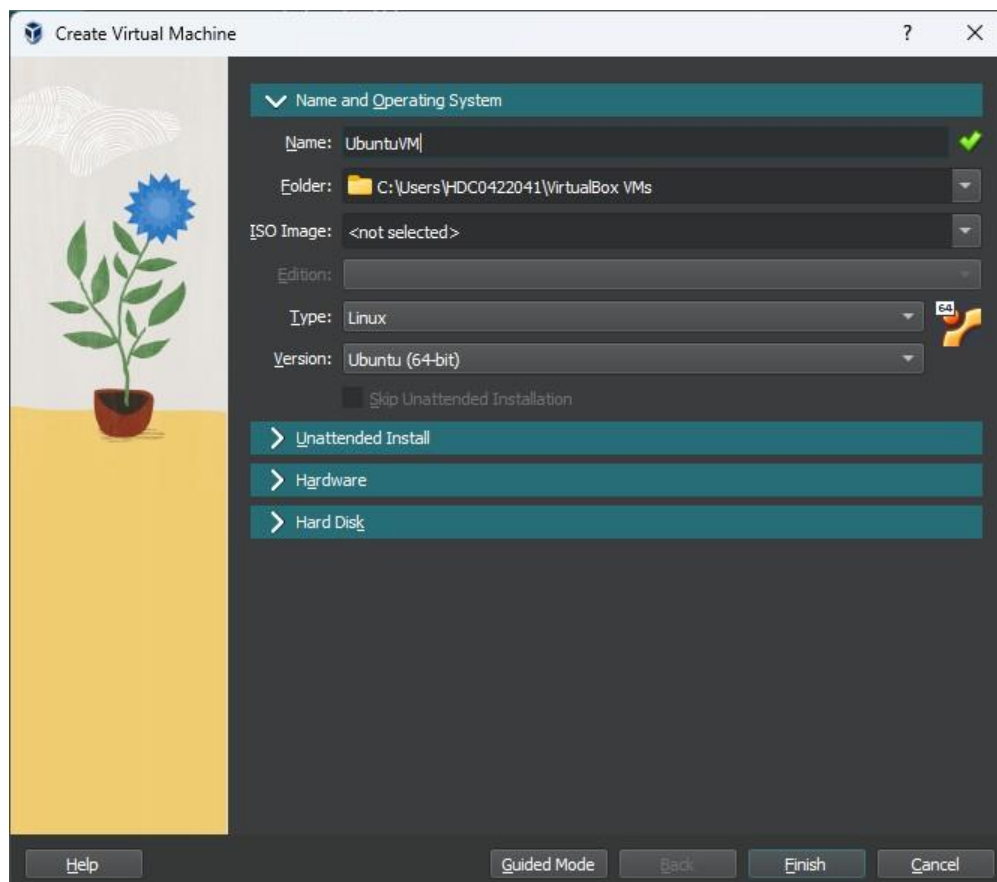
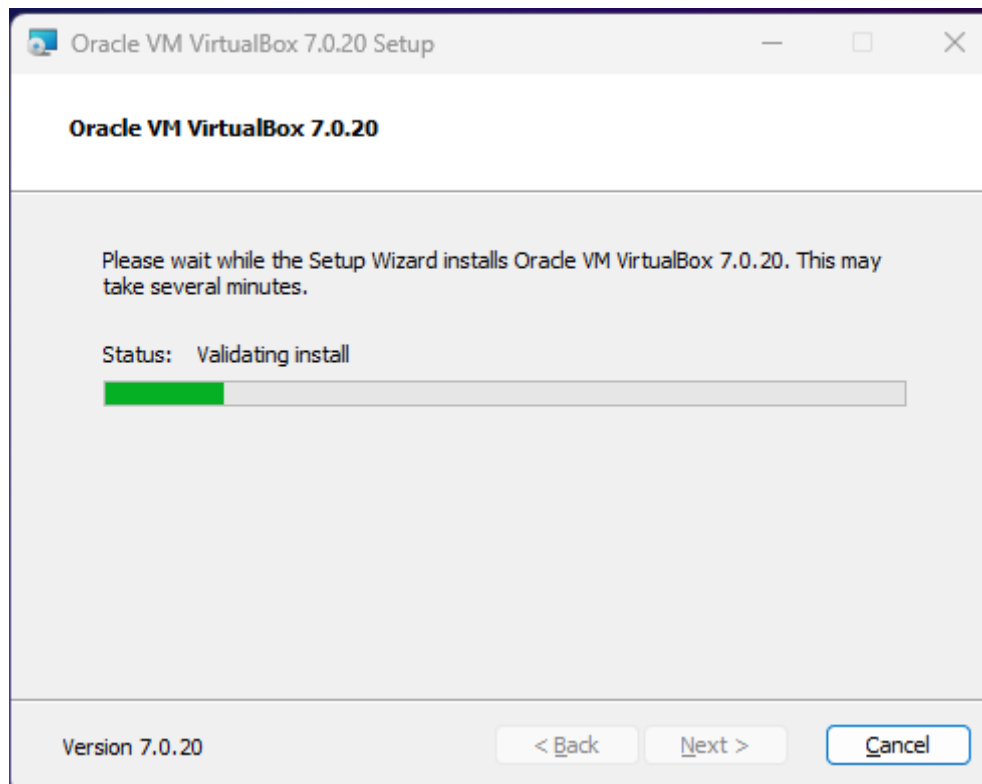
1. Launch a Virtual Box
2. Create new virtual machine
3. Customize the set-up
4. Set username and password
5. Browse for .iso file of an operating system
6. Configure the hardware capacity
7. Finish and power on the VM
8. Install C or PYTHON OR JAVA Compiler and execute a simple program.

INSTALLATION:







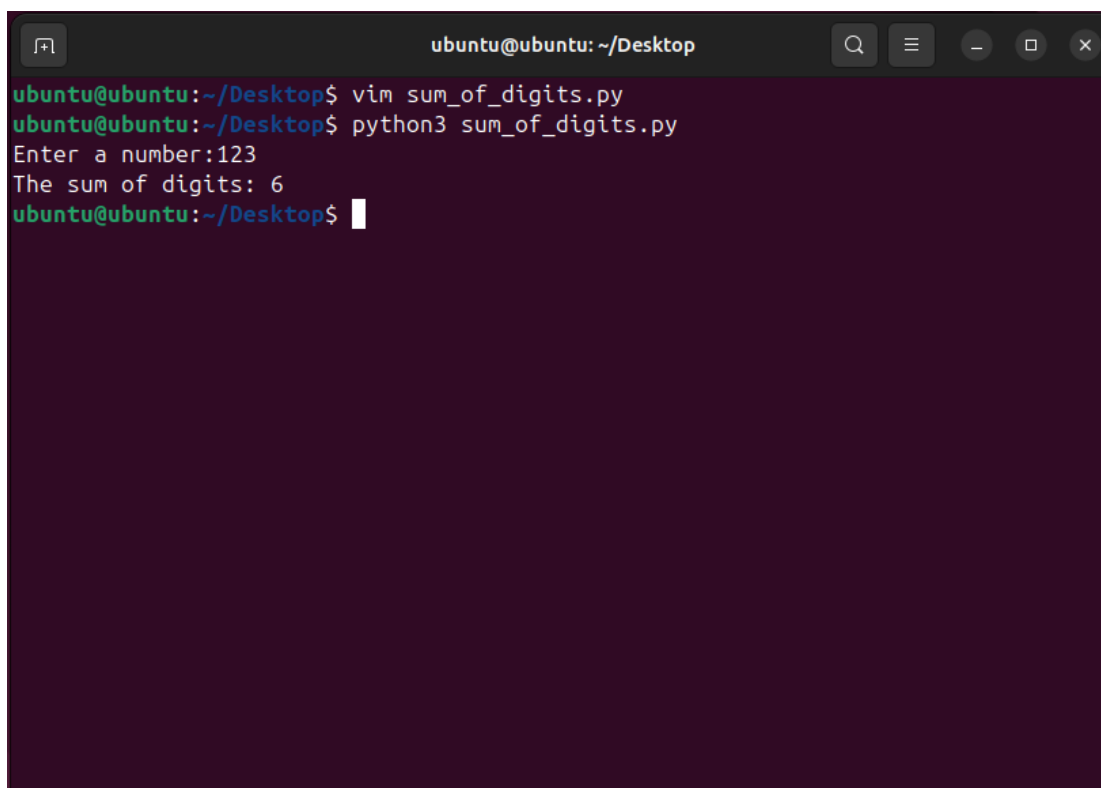


PROGRAM:



```
ubuntu@ubuntu: ~/Desktop
def sum_of_digits(n):
    sum=0
    while(n!=0):
        rem=n%10
        sum+=rem
        n=n//10
    return sum
n=int(input("Enter a number:"))
print("The sum of digits:",sum_of_digits(n))
~
~
~
~
~
~
~
~
~
~
9.44 All
```

OUTPUT:



```
ubuntu@ubuntu: ~/Desktop
ubuntu@ubuntu:~/Desktop$ vim sum_of_digits.py
ubuntu@ubuntu:~/Desktop$ python3 sum_of_digits.py
Enter a number:123
The sum of digits: 6
ubuntu@ubuntu:~/Desktop$
```

RESULT:

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