

VIRTUALIZATION

INSTALLATION OF VIRTUAL MACHINE IN VIRTUAL BOX

AIM:

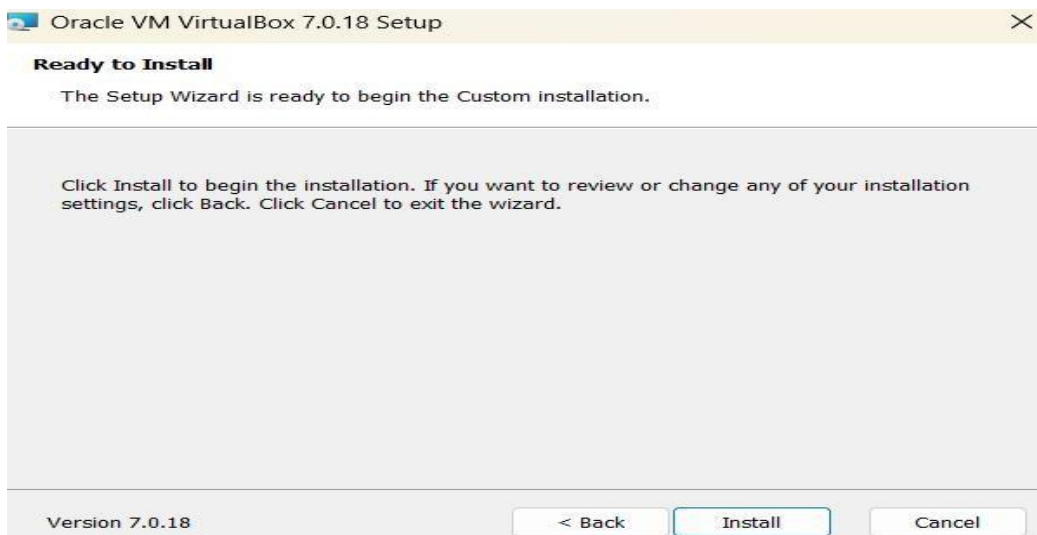
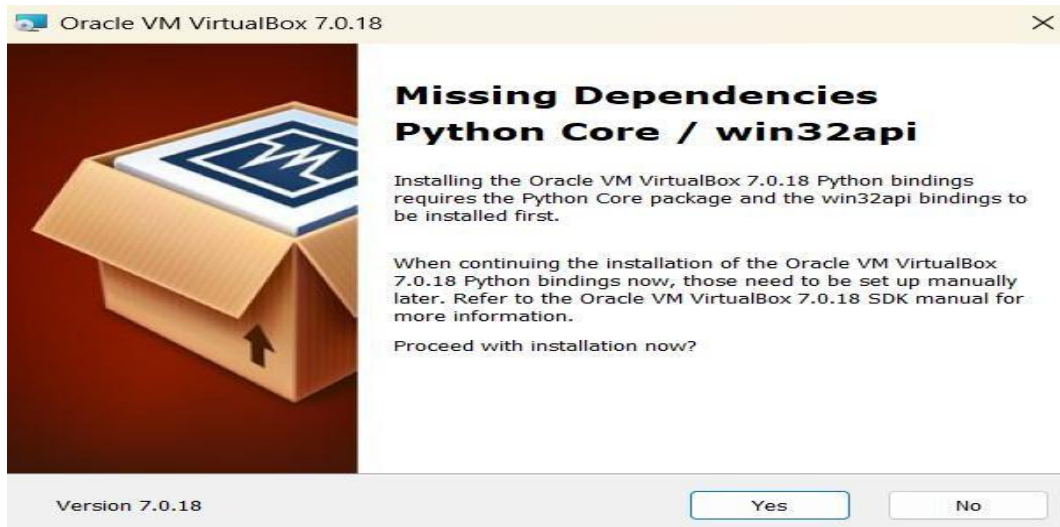
To configure a Virtual Machine using Virtual Box and Launch to execute a simple program using PYTHON.

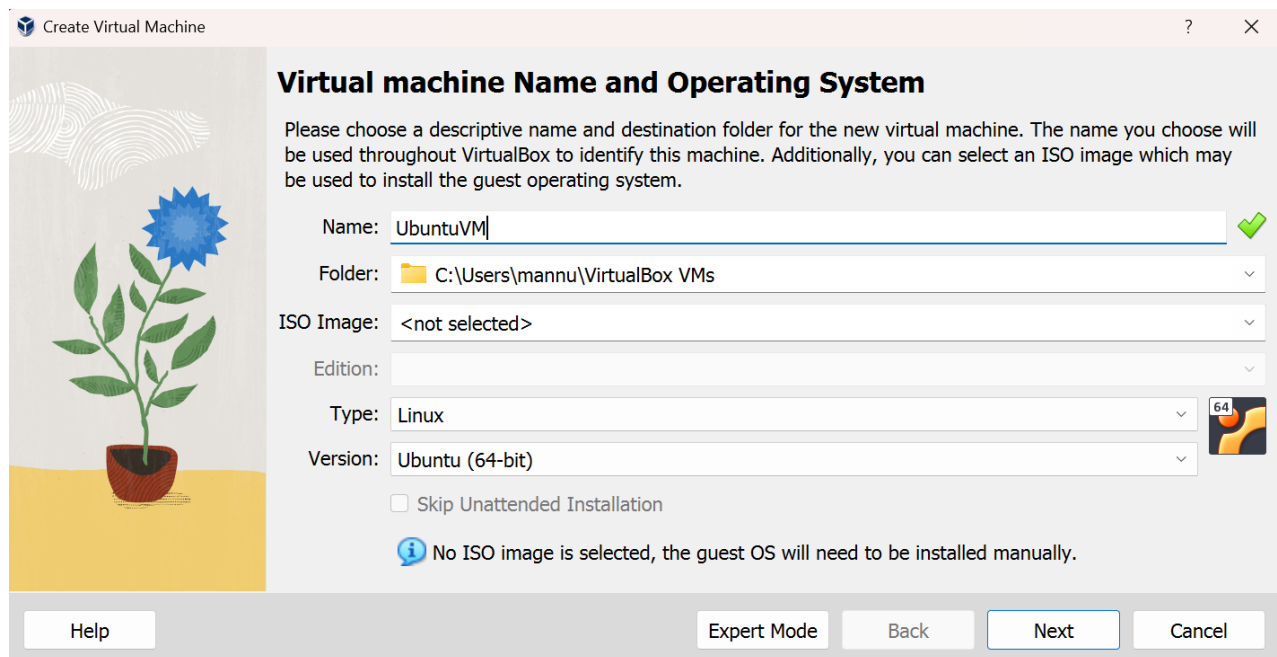
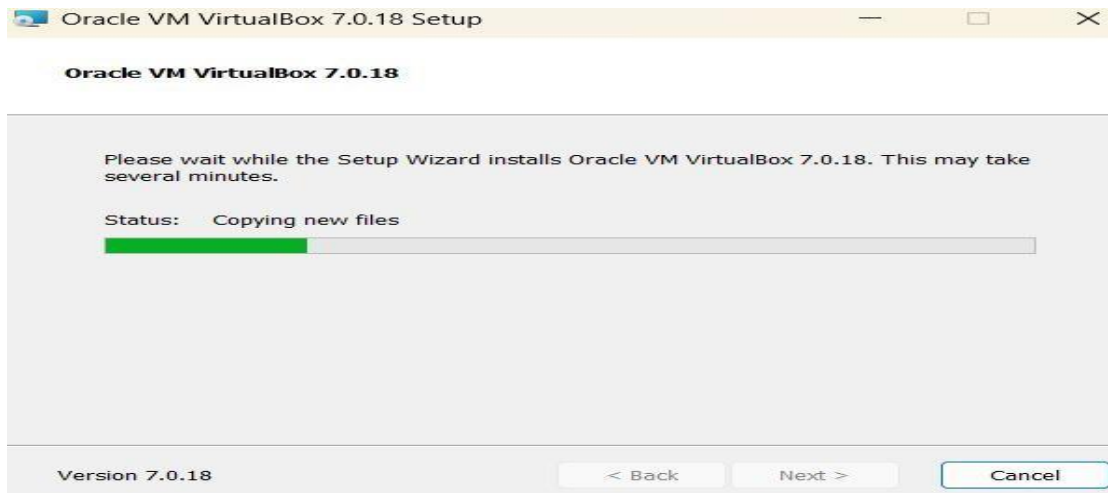
PROCEDURE:

1. Launch aVirtual 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

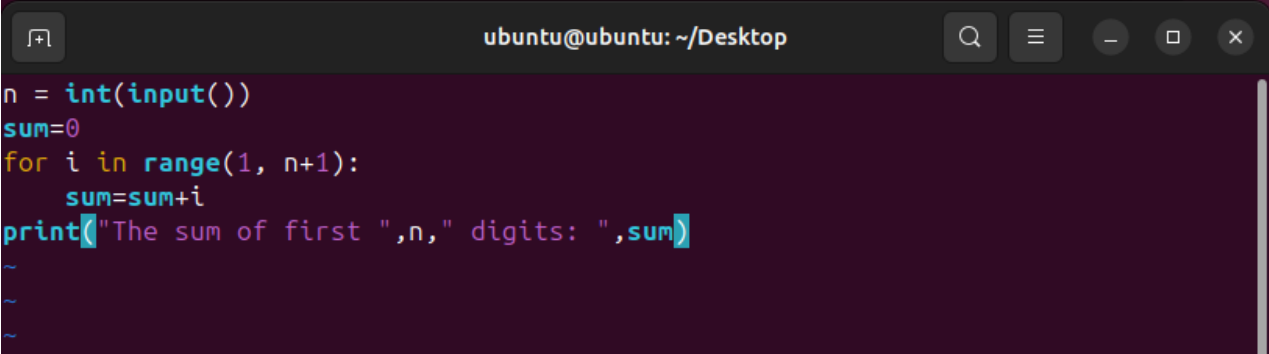
INSTALLATION:





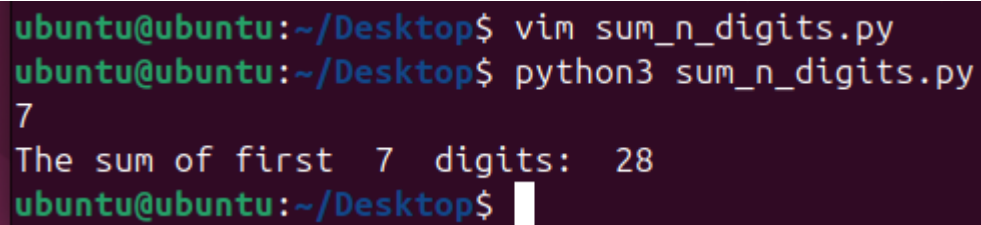


PROGRAM:



```
ubuntu@ubuntu: ~/Desktop
n = int(input())
sum=0
for i in range(1, n+1):
    sum=sum+i
print("The sum of first ",n," digits: ",sum)
```

OUTPUT:



```
ubuntu@ubuntu:~/Desktop$ vim sum_n_digits.py
ubuntu@ubuntu:~/Desktop$ python3 sum_n_digits.py
7
The sum of first 7 digits: 28
ubuntu@ubuntu:~/Desktop$
```

RESULT:

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