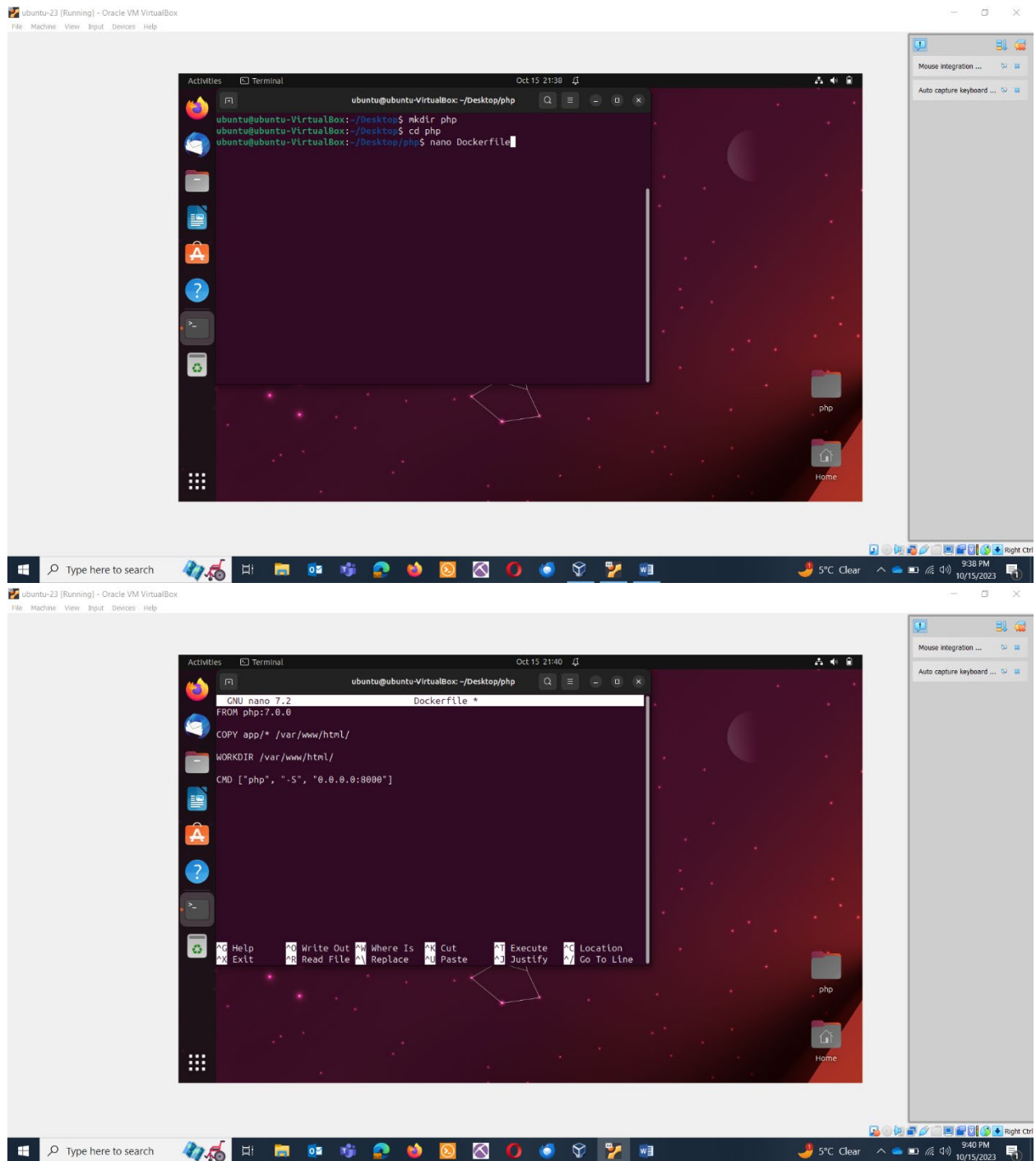
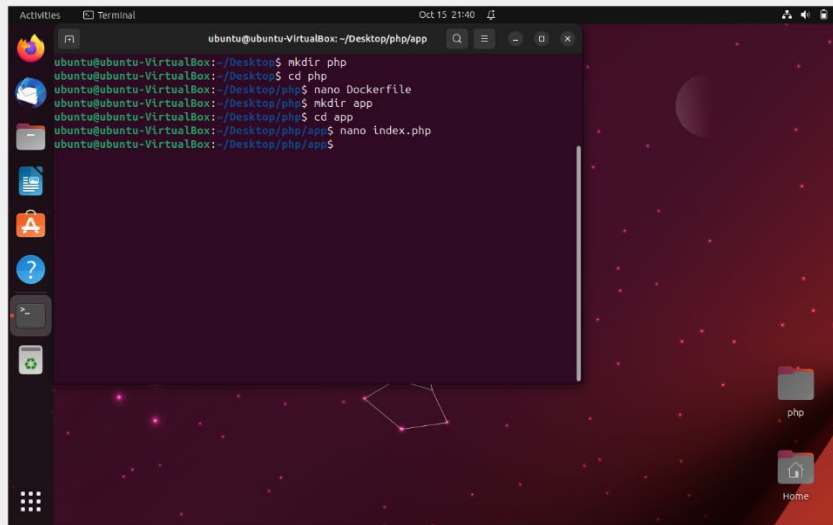
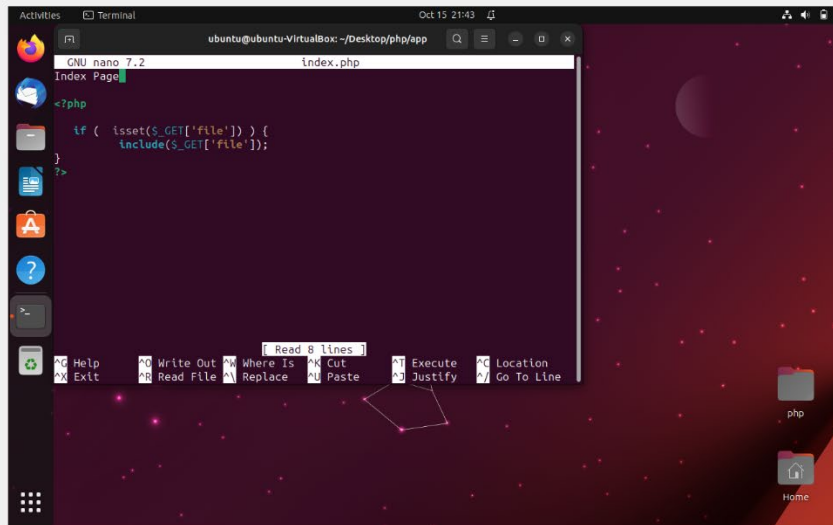


WEBSERVER

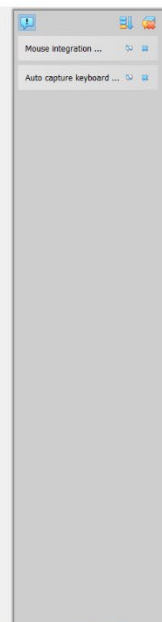
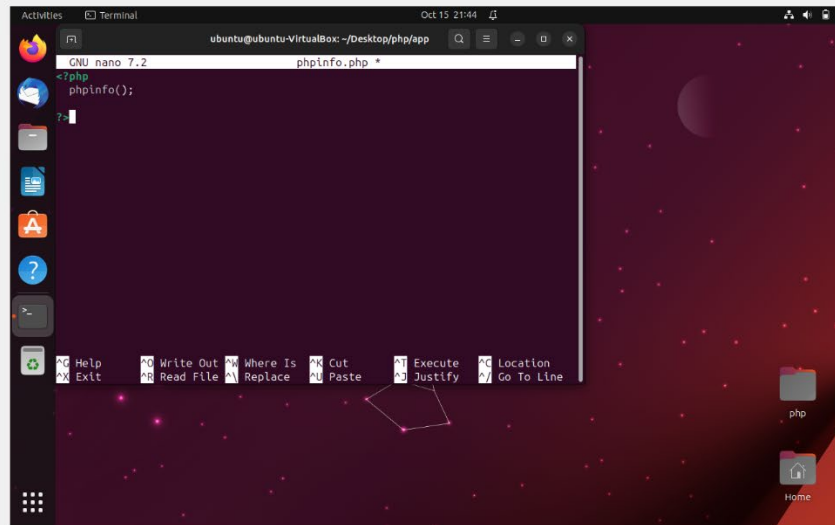
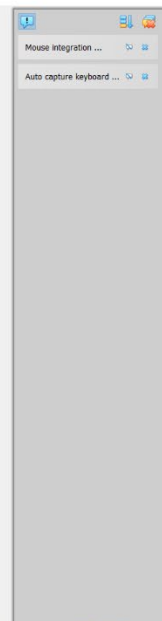
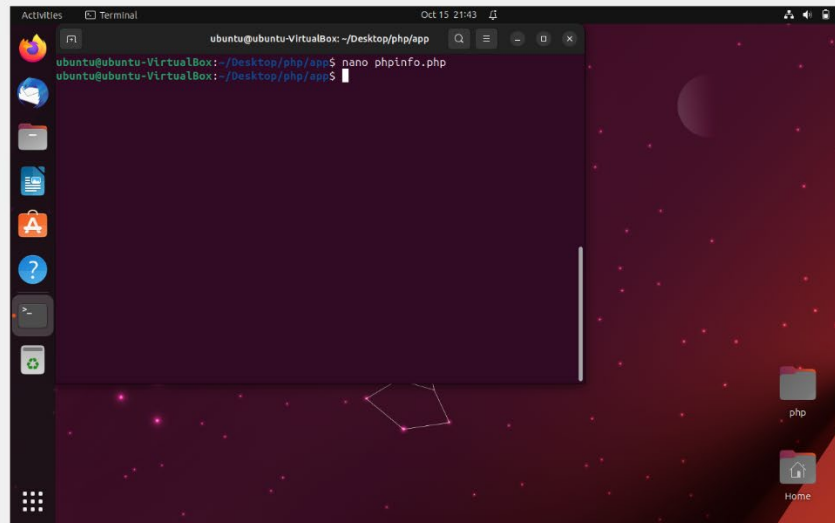




```
ubuntu@ubuntu-VirtualBox: ~/Desktop/php/app
ubuntu@ubuntu-VirtualBox:~/Desktop$ mkdir php
ubuntu@ubuntu-VirtualBox:~/Desktop$ cd php
ubuntu@ubuntu-VirtualBox:~/Desktop/php$ nano Dockerfile
ubuntu@ubuntu-VirtualBox:~/Desktop/php$ mkdir app
ubuntu@ubuntu-VirtualBox:~/Desktop/php$ cd app
ubuntu@ubuntu-VirtualBox:~/Desktop/php/app$ nano index.php
ubuntu@ubuntu-VirtualBox:~/Desktop/php/app$
```



```
GNU nano 7.2 index.php
Index Page
<?php
if ( isset($_GET['file']) ) {
    include($_GET['file']);
}
?>
```



```
ubuntu@ubuntu-VirtualBox: ~/Desktop/php/app$ ls
index.php  phpinfo.php
ubuntu@ubuntu-VirtualBox: ~/Desktop/php/app$ cd ..
ubuntu@ubuntu-VirtualBox: ~/Desktop/php$ ls
app  Dockerfile
ubuntu@ubuntu-VirtualBox: ~/Desktop/php$ docker build -t harkirat .
Command 'docker' not found, but can be installed with:
sudo snap install docker          # version 20.10.24, or
sudo snap install docker          # version 20.10.24
sudo apt install docker.io         # version 24.0.5-0ubuntu1-23.04.1
sudo apt install podman-docker     # version 4.3.1+ds1-5ubuntu1
See 'snap info <snapname>' for additional versions.
ubuntu@ubuntu-VirtualBox: ~/Desktop/php$ sudo snap install docker.io
[sudo] password for ubuntu:
error: cannot install "docker.io": invalid instance name: invalid snap name:
"docker.io"
ubuntu@ubuntu-VirtualBox: ~/Desktop/php$ sudo snap install docker
docker 20.10.24 from Canonical✓ installed
ubuntu@ubuntu-VirtualBox: ~/Desktop/php$
```

```
ubuntu@ubuntu-VirtualBox: ~/Desktop/php$ sudo docker build -t harkirat .
Sending build context to Docker daemon  4.608kB
Step 1/4 : FROM php:7.0.0
7.0.0: Pulling from library/php
Image docker.io/library/php:7.0.0 uses outdated schema1 manifest format. Please
upgrade to a schema2 image for better future compatibility. More information at
https://docs.docker.com/registry/spec/deprecated-schema-v1/
d4bce7fd68df: Pulling fs layer
a3ed95caeb02: Pulling fs layer
77a07a807b0b: Pulling fs layer
8e9dd06f34b8: Waiting
bdeb40d51bd7: Waiting
101dc323852a: Waiting
ca509a84d8e9: Waiting
See663921daf: Waiting
```

```
Activities Terminal Oct 15 21:46
ubuntu@ubuntu-VirtualBox: ~/Desktop/php

d4bce7fd68df: Pull complete
a3ed95caeb02: Pull complete
77a07a807b0b: Pull complete
8e9dd06f34b8: Pull complete
bdeb40d51bd7: Pull complete
101dc323852a: Pull complete
ca509a84d8e9: Pull complete
See663921daf: Pull complete
Digest: sha256:2332e573611d394e1ff5755a7cfd93bdf4d926ad85330a2ae87bed3d1ecb36ea
Status: Downloaded newer image for php:7.0.0
--> d7be698a3041
Step 2/4 : COPY app/* /var/www/html/
--> 779a4d75a718
Step 3/4 : WORKDIR /var/www/html/
--> Running in f7933e83e302
Removing intermediate container f7933e83e302
--> 9233c7ebe298
Step 4/4 : CMD ["php", "-S", "0.0.0.0:8000"]
--> Running in bb0ffa0da590
Removing intermediate container bb0ffa0da590
--> f75e89f96264
Successfully built f75e89f96264
Successfully tagged harkirat:latest
ubuntu@ubuntu-VirtualBox:~/Desktop/php$
```

```
Activities Terminal Oct 15 21:47
ubuntu@ubuntu-VirtualBox: ~/Desktop/php

ubuntu@ubuntu-VirtualBox:~/Desktop/php$ sudo docker run -p 8000:8000 harkirat
```

