Virtual Hosting on CentOS Stream 9

Install httpd (we already installed from the Apache installation part)

Move welcome page
mv /etc/httpd/conf.d/welcome.conf /etc/httpd/conf.d/welcome.conf.org

Configure httpd. Replace Server name to your own environment.
vi /etc/httpd/conf/httpd.conf

 # line 91 : change to admin's email address
ServerAdmin root@srv.world
 # line 100 : change to your server's name
ServerName www.srv.world:80
 # line 149 : change (remove [Indexes])
Options FollowSymLinks
 # line 156 : change
AllowOverride All
 # line 169 : add file name that it can access only with directory's name
DirectoryIndex index.html index.php index.cgi
 # add follows to the end
 # server's response header
ServerTokens Prod

systemctl enable --now httpd

Allow http service (we already did this from the Apache installation part)
firewall-cmd --add-service=http
firewall-cmd --runtime-to-permanent

Create a HTML page to access it
vi /var/www/html/index.html

Open www.srv.world:80

Configure Virtual hosting

Add a new Host setting that domain name is [virtual.host], document root is
[/var/www/virtual.host]

vi /etc/httpd/conf.d/vhost.conf

 # create new

```
# settings for original domain
<VirtualHost *:80>
    DocumentRoot /var/www/html
    ServerName www.srv.world
</VirtualHost>

# settings for new domain
<VirtualHost *:80>
    DocumentRoot /var/www/virtual.host
    ServerName www.virtual.host
    ServerAdmin webmaster@virtual.host
    ErrorLog logs/virtual.host-error_log
    CustomLog logs/virtual.host-access_log combined
</VirtualHost>

<Directory "/var/www/virtual.host">
    Options FollowSymLinks
    AllowOverride All
</Directory>
```

<VirtualHost> and </VirtualHost> are used to enclose a group of directives that will apply only to a particular virtual host.

mkdir /var/www/virtual.host

chmod 755 /var/www/virtual.host

systemctl reload httpd

Create a simple PHP page
vi /var/www/virtual.host/index.php

Open www.virtual.host:80