

LAB QUIZ #1

(Access Webpage using Apache Server)

Requirements: (Requirements needed to complete the lab activity e.g. software, application)

- Apache Server - ✓
- Virtual Box - ✓

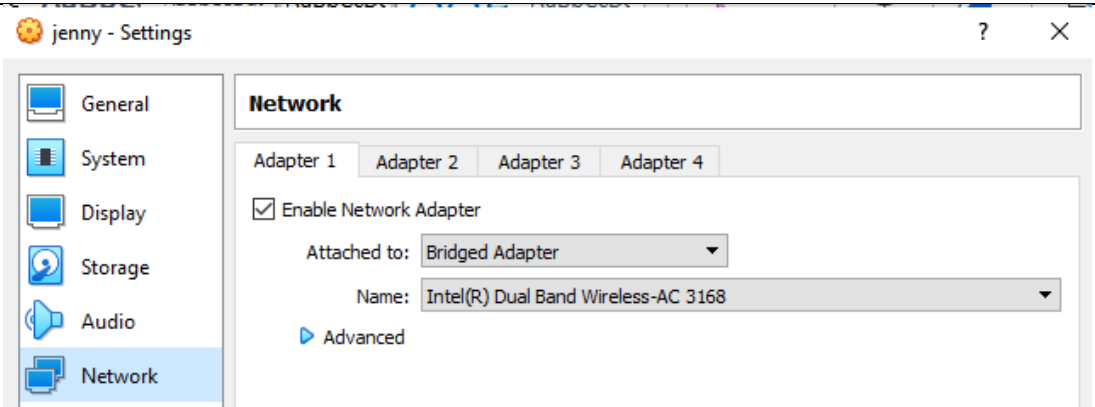
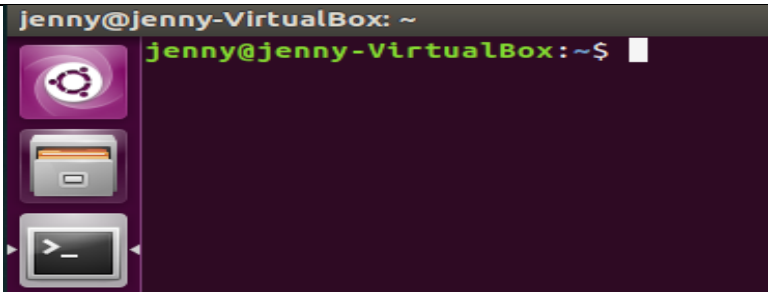
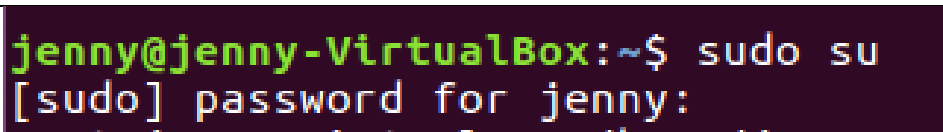
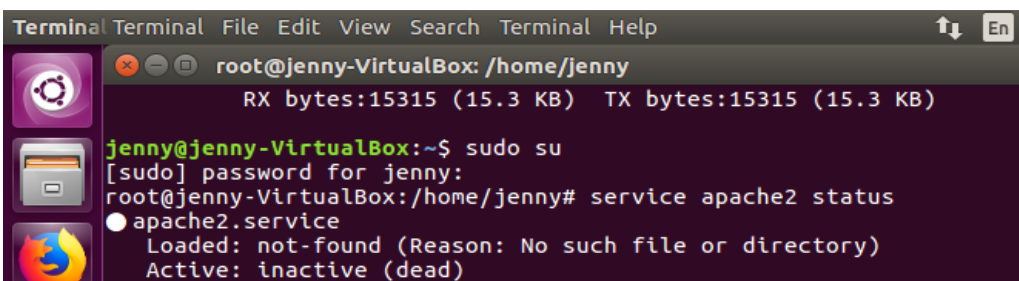
Laboratory Problem (Provide with Screenshots)

- Create a HTML web page and design it using CSS. Create a documentation of your lab quiz.

Groupmates	Tasks
Lanao, Vian Jay	<i>Provided ideas for the documentation and process.</i>
Ocampo, Geraldine B	<i>Provided the website code</i>
Padilla, John Xavier O	<i>Provided ideas for the lab quiz process.</i>
Zamora, Jenny L	<i>Provided the device used in this Lab quiz and documentation. The one who run commands in virtual machine.</i>

OTHER MATERIALS	LINKS
Video proof of website that its working on windows10 and ubuntu. (I cant upload a video file in ms teams po. It always says upload error)	https://drive.google.com/file/d/1xI-6AtJ2zijQWZCIFUGXD1ZRbK00c5W/view?usp=sharing
Website files	https://drive.google.com/file/d/16Jur7Ry_DTirHym7NJRuQze4c-184UxQ/view?usp=sharing
Click the link to view the website	https://wma4biptlabquizzamoragroup.000webhostapp.com

DOCUMENTATION:

Caption	Screenshots
Open VirtualBox	
<p>Set Network settings to bridge adapter</p> <p>Then, start (run ubuntu)</p>	
<p>Open terminal (ctrl+alt+t)</p>	
<p>Enter <i>sudo su</i> to enter root/admin mode</p>	
<p>Check if there is apache2 server installed</p> <p><i>service apache2 status</i></p> <p>(Inactive(dead) means its not installed)</p>	

Install apache:

apt install apache2

then, type y

```
root@jenny-VirtualBox:/home/jenny# apt install apache2
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1 libaprutil1
  libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.1-0
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libapr1 libaprutil1
  libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.1-0
0 upgraded, 9 newly installed, 0 to remove and 436 not upgraded.
Need to get 1,636 kB of archives.
After this operation, 6,287 kB of additional disk space will be used.
Do you want to continue? [Y/n]
```

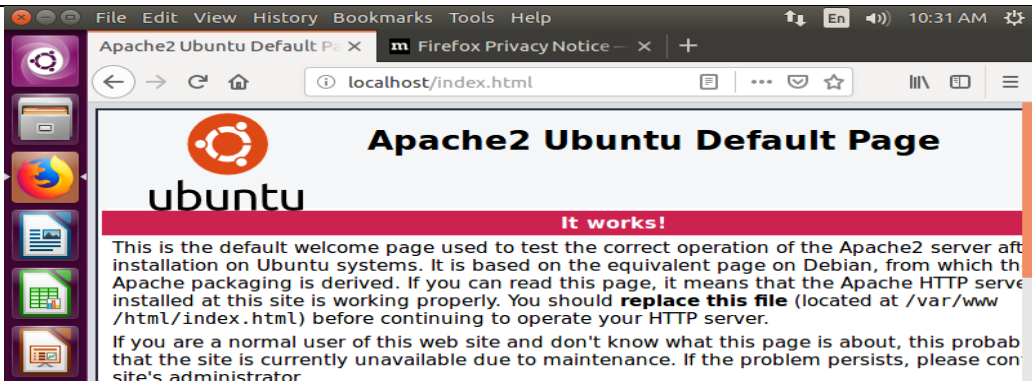
Check status again

*Active (running)
means its
successfully
installed*

```
root@jenny-VirtualBox:/home/jenny# service apache2 status
● apache2.service - LSB: Apache2 web server
   Loaded: loaded (/etc/init.d/apache2; bad; vendor preset: enabled)
   Drop-In: /lib/systemd/system/apache2.service.d
            └─apache2-systemd.conf
   Active: active (running) since Sat 2021-09-04 10:26:51 PST; 17s ago
     Docs: man:systemd-sysv-generator(8)
    CGroup: /system.slice/apache2.service
            └─3079 /usr/sbin/apache2 -k start
               3082 /usr/sbin/apache2 -k start
               3083 /usr/sbin/apache2 -k start

Sep 04 10:26:50 jenny-VirtualBox systemd[1]: Starting LSB: Apache2 web server...
Sep 04 10:26:50 jenny-VirtualBox apache2[3057]: * Starting Apache httpd web ser
Sep 04 10:26:50 jenny-VirtualBox apache2[3057]: AH00558: apache2: Could not reli
Sep 04 10:26:51 jenny-VirtualBox apache2[3057]: *
Sep 04 10:26:51 jenny-VirtualBox systemd[1]: Started LSB: Apache2 web server.
lines 1-16/16 (END)
```

Check Apache
server: Visit
localhost/index.htm
l on VM browser



Go back on terminal
enter root mod

Enter **cd..** twice

```
Terminal Terminal File Edit View Search Terminal Help
root@jenny-VirtualBox: /
jenny@jenny-VirtualBox:~$ sudo su
[sudo] password for jenny:
root@jenny-VirtualBox:/home/jenny# cd ..
root@jenny-VirtualBox:/home# ls
jenny
root@jenny-VirtualBox:/home# cd ..
root@jenny-VirtualBox:/# ls
bin      dev      initrd.img  lost+found  opt      run      srv      usr
boot     etc      initrd.img.old  media      proc     sbin     sys      var
cdrom    home    lib         mnt         root     snap     tmp      vmlinuz
root@jenny-VirtualBox:/#
```

Type **ls** to see the directory

Type **cd var** to enter variable directory

Type **cd www**

type **cd html**

```

Terminal Terminal File Edit View Search Terminal Help
root@jenny-VirtualBox: /var/www/html

jenny@jenny-VirtualBox:~$ sudo su
[sudo] password for jenny:
root@jenny-VirtualBox:/home/jenny# cd ..
root@jenny-VirtualBox:/home# ls
jenny
root@jenny-VirtualBox:/home# cd ..
root@jenny-VirtualBox:/# ls
bin    dev    initrd.img  lost+found  opt    run    srv    usr
boot  etc    initrd.img.old  media      proc   sbin   sys    var
cdrom  home  lib         mnt        root   snap   tmp    vmlinuz

root@jenny-VirtualBox:/# cd var
root@jenny-VirtualBox:/var# ls
backups  crash  local  log  metrics  run  spool  www
cache    lib    lock   mail  opt      snap tmp

root@jenny-VirtualBox:/var# cd www
root@jenny-VirtualBox:/var/www# ls
html
root@jenny-VirtualBox:/var/www# cd html
root@jenny-VirtualBox:/var/www/html#
  
```

To delete file from the terminal you can use **rm command**

(I deleted the index.html because I will create new index.html file)

```

root@jenny-VirtualBox:/var/www/html# rm index.html
  
```

To create html file in terminal type **gedit name.html**

After that notepad will open then you type your code

To save the file click **save**

same goes for the css file type **gedit name.css**

```

rm: cannot remove 'index.html': No such file or directory
root@jenny-VirtualBox:/var/www/html# gedit index.html

Index.html (/var/www/html) - gedit
index.html
/var/www/html
Save

Files

HTML Tab Width: 8 Ln 1, Col 1 INS
  
```

In our html and css file it is provided by the other groupmate. We download the file from the browser and move it on the folder **/var/www/html**

To **move** files using the terminal you need to enter administrator mode

(I type **ls** to view all the files I need to move)

```
Terminal Terminal File Edit View Search Terminal Help
root@jenny-VirtualBox: /home/jenny/Downloads/Website
jenny@jenny-VirtualBox:~/Downloads/Website$ sudo su
[sudo] password for jenny:
root@jenny-VirtualBox: /home/jenny/Downloads/Website# ls
Abtract01.png          main.js                Photo7.jpeg
Angkor Wat.jpg         mainRoad.jpeg         Prambanan.jpg
Background-image.png  Maldives.jpeg         prambanan-temple.jpeg
bridge.jpeg           owl.carousel.js      prambanan-temple.jpg
Colosseum.jpg         owl.carousel.min.css road1.jpg
Destination-Australia.jpg owl.carousel.min.js  road2.jpg
Destination-Dubai.jpg owl.theme.default.min.css road.jpg
Destination-Norway.jpg Paris.jpeg             South-Korea.jpeg
Destination-Russia.jpg Philippine.jpg          South-Korea.jpg
Destination-Singapore.jpg Photo1.jpg            Stonehenge.jpg
Destination-Spain.jpg Photo2.jpeg           style.css
Greece.jpg            Photo3.jpg           Switzerland.jpg
index.html            Photo4.jpg           The Colosseum.jpg
Japan.jpeg            Photo5.jpg
jQueryv3.5.1.min.js  Photo6.jpg
root@jenny-VirtualBox: /home/jenny/Downloads/Website#
```

To move specific file type

mv filename
PathLocation

example:

mv bridge.jpeg
var/www/html

type **ls** to check if the file I removed from the download folder

I repeated this process until I move all the files we need for our website.

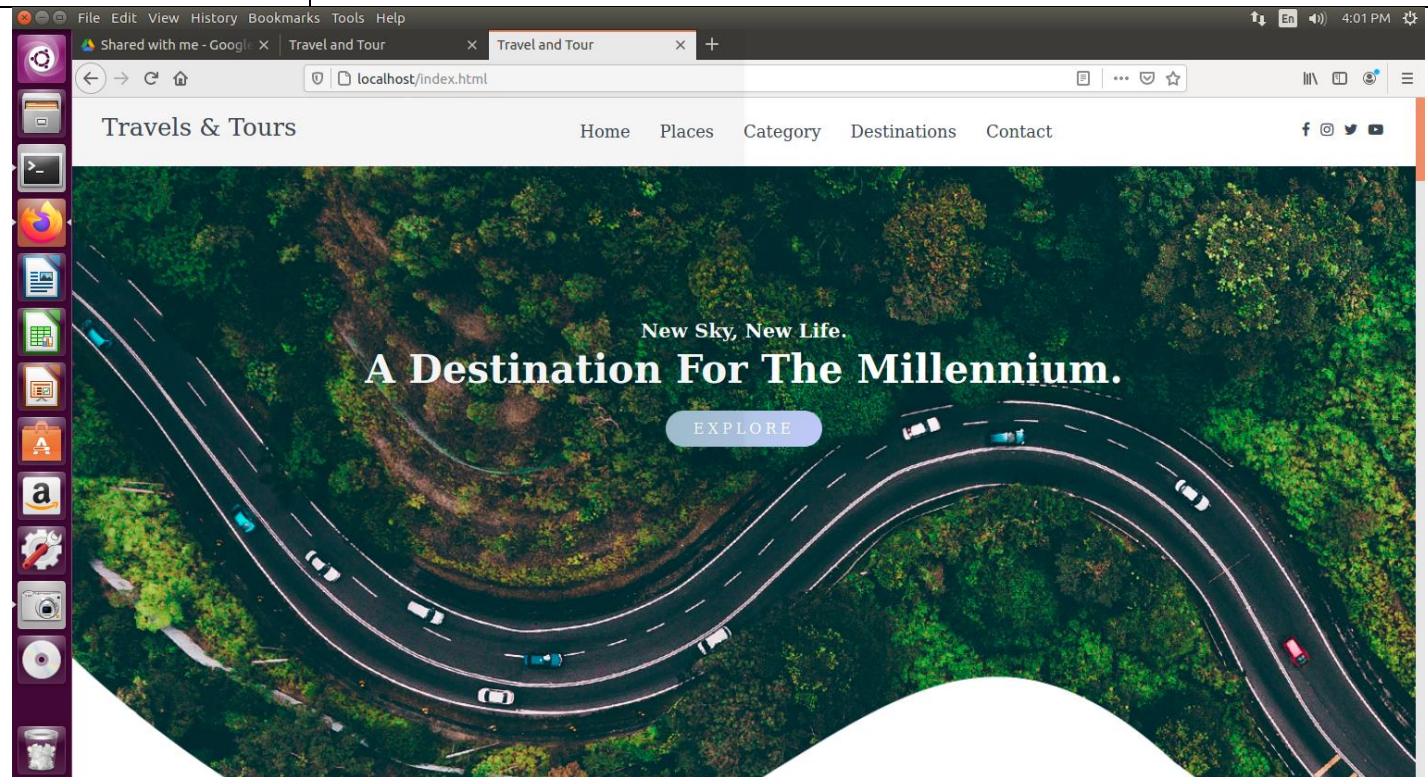
```
Terminal Terminal File Edit View Search Terminal Help
root@jenny-VirtualBox: /home/jenny/Downloads/Website
main.js                Photo6.jpg
mainRoad.jpeg         Photo7.jpeg
root@jenny-VirtualBox: /home/jenny/Downloads/Website# mv bridge.jpeg /var/www/html
root@jenny-VirtualBox: /home/jenny/Downloads/Website# mv Colosseum.jpg /var/www/html
root@jenny-VirtualBox: /home/jenny/Downloads/Website# mv Destination-Australia.jpg /var/www/html
root@jenny-VirtualBox: /home/jenny/Downloads/Website# mv Destination-Dubai.jpg /var/www/html
root@jenny-VirtualBox: /home/jenny/Downloads/Website# ls
Angkor Wat.jpg         owl.carousel.min.css  Prambanan.jpg
Destination-Norway.jpg owl.carousel.min.js   prambanan-temple.jpeg
Destination-Russia.jpg owl.theme.default.min.css prambanan-temple.jpg
Destination-Singapore.jpg Paris.jpeg             road1.jpg
Destination-Spain.jpg  Philippine.jpg          road2.jpg
Greece.jpg            Photo1.jpg            road.jpg
Japan.jpeg            Photo2.jpeg           South-Korea.jpeg
jQueryv3.5.1.min.js  Photo3.jpg           South-Korea.jpg
main.js              Photo4.jpg           Stonehenge.jpg
mainRoad.jpeg        Photo5.jpg           style.css
Maldives.jpeg        Photo6.jpg           Switzerland.jpg
owl.carousel.js      Photo7.jpeg          The Colosseum.jpg
root@jenny-VirtualBox: /home/jenny/Downloads/Website#
```

Type **if config** to check the ip address of the ubuntu virtual machine (you will need it to run the website from the windows)

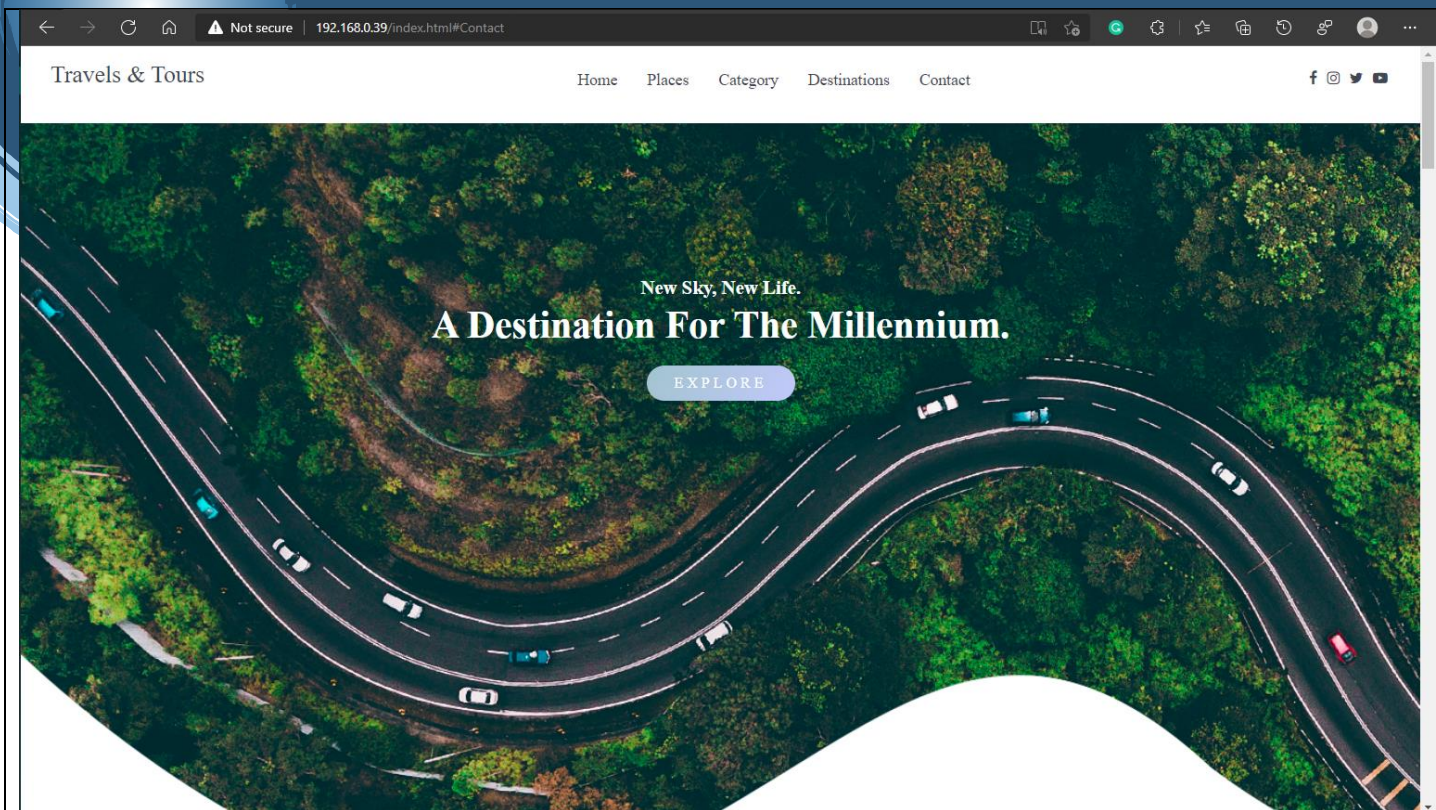
```
root@jenny-VirtualBox: /home/jenny
root@jenny-VirtualBox:/home/jenny# ifconfig
enp0s3  Link encap:Ethernet  HWaddr 08:00:27:7b:cb:82
        inet addr:192.168.0.39  Bcast:192.168.0.255  Mask:255.255.255.0
        inet6 addr: fe80::b4a7:eb0d:5c7:754b/64 Scope:Link
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        RX packets:12957 errors:0 dropped:0 overruns:0 frame:0
        TX packets:12086 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:4523095 (4.5 MB)  TX bytes:12725346 (12.7 MB)

lo      Link encap:Local Loopback
        inet addr:127.0.0.1  Mask:255.0.0.0
        inet6 addr: ::1/128 Scope:Host
        UP LOOPBACK RUNNING  MTU:65536  Metric:1
        RX packets:1356 errors:0 dropped:0 overruns:0 frame:0
        TX packets:1356 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:3531693 (3.5 MB)  TX bytes:3531693 (3.5 MB)

root@jenny-VirtualBox:/home/jenny#
```

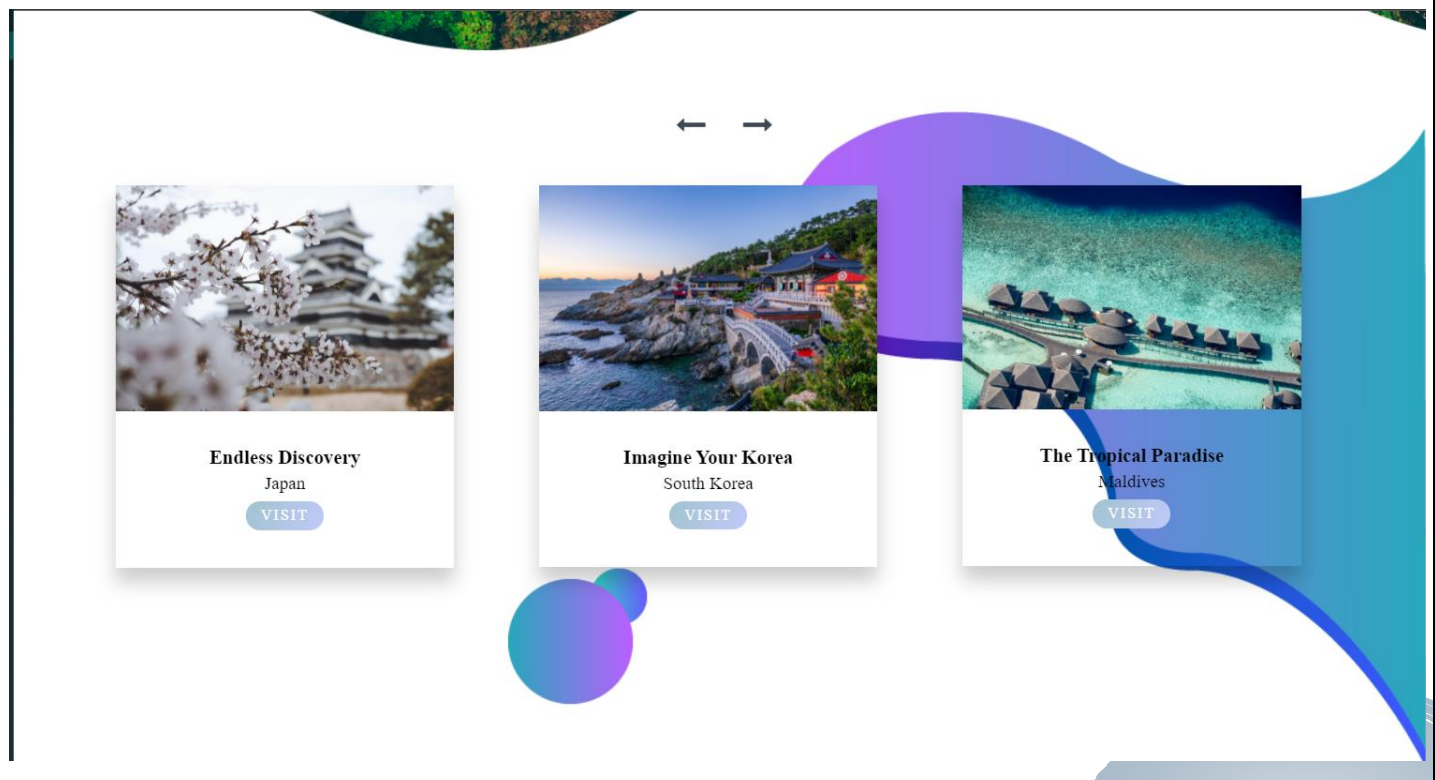


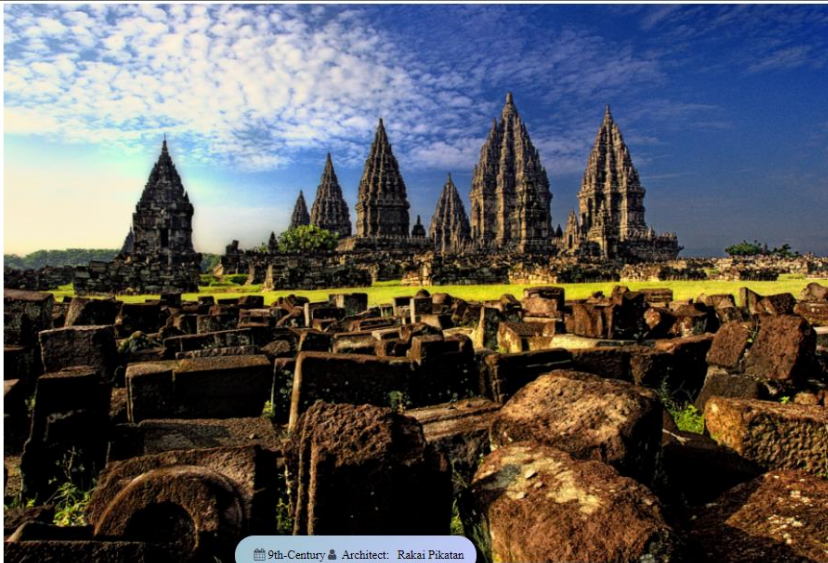
the website on ubuntu by visiting localhost/index.html



visiting the website on the windows10 .. 192.168.0.34/index.html

Other SS of the website:





9th-Century Architect: Rakai Pikatan

Prambanan or Rara Jonggrang

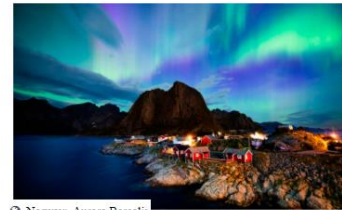
The Prambanan temple is the largest Hindu temple of ancient Java, and the first building was completed in the mid-9th century. It was likely started by Rakai Pikatan as the Hindu Sanjaya Dynasty's answer to the Buddhist Sailendra Dynasty's Borobudur and Sewu temples nearby. Historians suggest that the construction of Prambanan probably was meant to mark the return of the Hindu Sanjaya Dynasty to power in Central Java after almost a century of Buddhist Sailendra Dynasty domination. The construction of this massive Hindu temple signifies that the Medang court had shifted its patronage from Mahayana Buddhism to Shaivite Hinduism.

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Categories

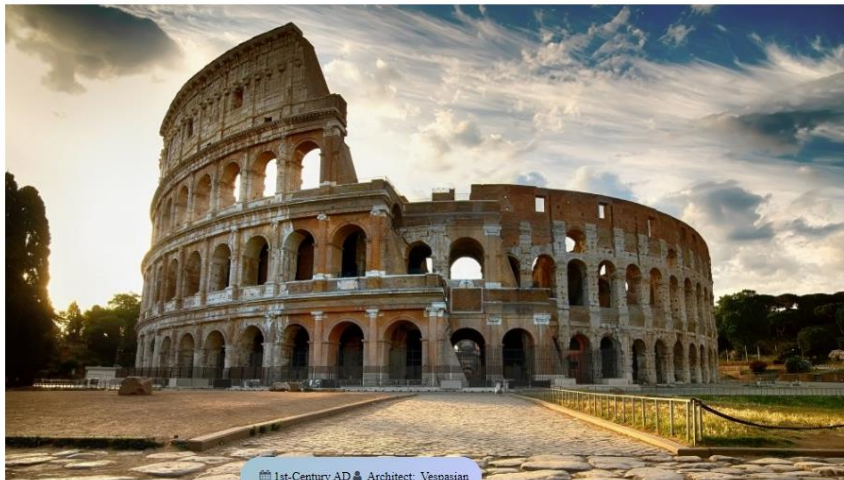
Adventure Travel
Solo Travel
Business Travel
Travel with Friends
Travel with Group
Travel with Family
Luxury Travel

Destinations



Norway: Aurora Borealis

In a world full of sunsets, be the Northern Lights.



1st-Century AD Architect: Vespasian

The Colosseum

The Colosseum also called Flavian Amphitheatre, giant amphitheatre built in Rome under the Flavian emperors. Construction of the Colosseum was begun sometime between 70 and 72 CE during the reign of Vespasian. It is located just east of the Palatine Hill, on the grounds of what was Nero's Golden House. The artificial lake that was the centerpiece of that palace complex was drained, and the Colosseum was sited there, a decision that was as much symbolic as it was practical. Vespasian, whose path to the throne had relatively humble beginnings, chose to replace the tyrannical emperor's private lake with a public amphitheatre that could host tens of thousands of Romans.

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Singapore: Gardens by the Bay

City in a Garden



Dubai: Burj Al Arab

The World's Most Luxurious Hotel



Russia: St. Basil's Cathedral

Words Are Truly The Image Of The Soul.



🏰 8500 and 7000 BC 🏗️ Architect: Rakai Pikatan

Stonehenge

Stonehenge is a prehistoric monument in Wiltshire, England, two miles (3 km) west of Amesbury. It consists of a ring of standing stones, each around 13 feet (4.0 m) high, seven feet (2.1 m) wide, and weighing around 25 tons. The stones are set within earthworks in the middle of the most dense complex of Neolithic and Bronze Age monuments in England, including several hundred tumuli (burial mounds).

Archaeologists believe it was constructed from 3000 BC to 2000 BC. The surrounding circular earth bank and ditch, which constitute the earliest phase of the monument, have been dated to about 3100 BC. Radiocarbon dating suggests that the first bluestones were raised between 2400 and 2300 BC,[2] although they may have been at the site as early as 3000 BC.

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Words Are Truly The Image Of The Soul.



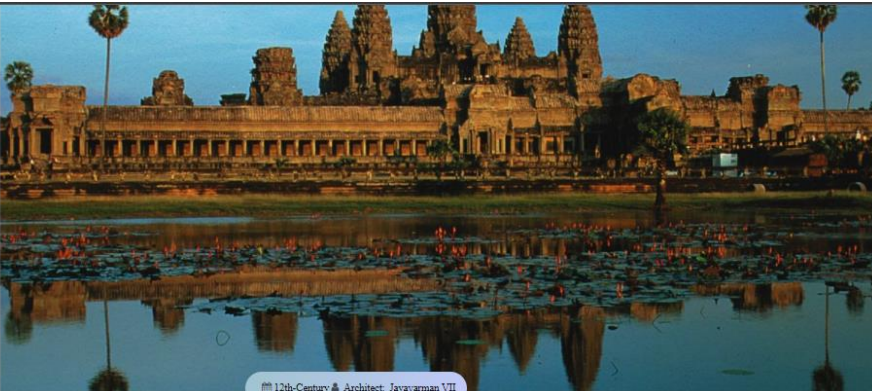
📍 Australia: Sydney Opera House

Exploring Down Under



📍 Spain: Guggenheim Museum, Bilbao

See It New.



🏰 12th-Century 🏗️ Architect: Jayavarman VII

Angkor Wat

Angkor is one of the most important archaeological sites in South-East Asia. Stretching over some 400 km², including forested area, Angkor Archaeological Park contains the magnificent remains of the different capitals of the Khmer Empire, from the 9th to the 15th century. They include the famous Temple of Angkor Wat and, at Angkor Thom, the Bayon Temple with its countless sculptural decorations. UNESCO has set up a wide-ranging programme to safeguard this symbolic site and its surroundings.

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About Us

Our Friendly Travels & Tours are here to help you have the Vacation of a Lifetime and We are passionate about Travels and sharing the World's wonder on the leisure travel side.

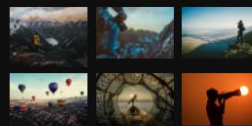
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Comments



Photography



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