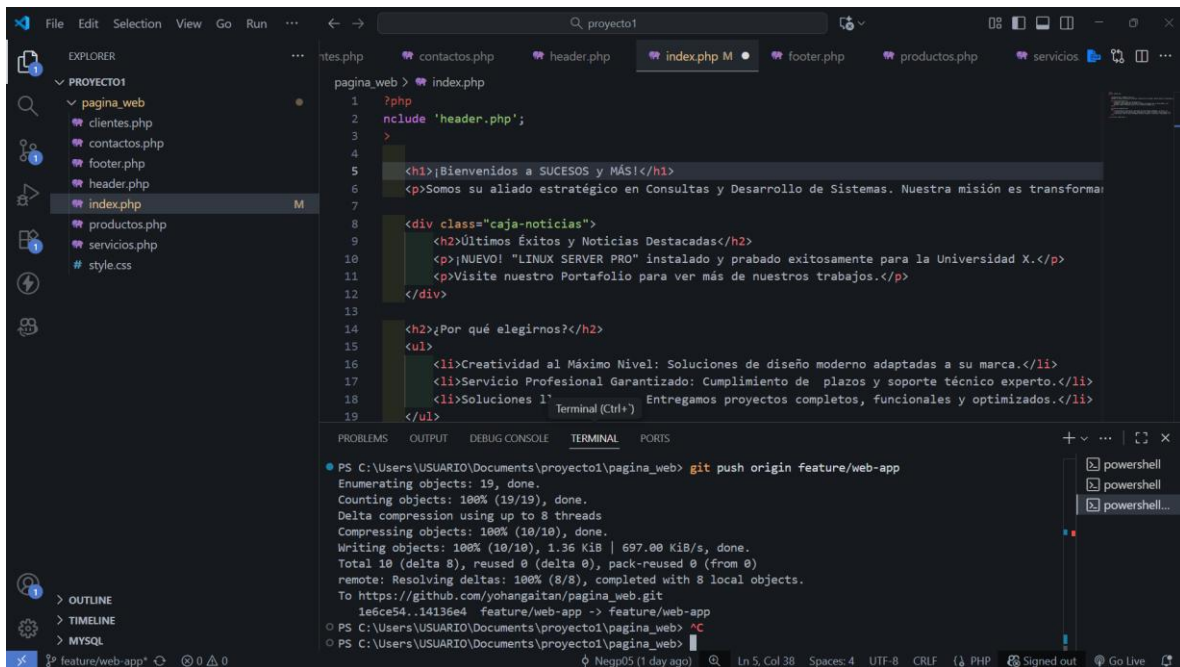Norvis González 4-830-511

Yohan Gaitan 4-825-655

Facilitador: Napoleón Ibarra

Archivos en visual studio code (subido en ZIP)

codigo en VSCODE

Conexion SSH mediante CMD en Windows


```
System information as of Tue Oct 14 04:03:44 AM UTC 2025

  System load:              0.11
  Usage of /:               35.0% of 24.44GB
  Memory usage:             26%
  Swap usage:               0%
  Processes:                261
  Users logged in:          1
  IPv4 address for enp0s3: 10.0.2.15
  IPv6 address for enp0s3: fd17:625c:f037:2:6a57:264c:4274:895e
  IPv6 address for enp0s3: fd17:625c:f037:2:a00:27ff:feb6:7f63

 * Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
   just raised the bar for easy, resilient and secure K8s cluster deployment.

   https://ubuntu.com/engage/secure-kubernetes-at-the-edge

Expanded Security Maintenance for Applications is not enabled.

10 updates can be applied immediately.
10 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status


Last login: Mon Oct 13 22:03:47 2025 from 192.168.56.1
vboxuser@ubuntu:~$
```

Conexion SSH mediante Putty en Windows


```
vboxuser@ubuntu: ~

 Swap usage:              0%
 Processes:               263
 Users logged in:         1
 IPv4 address for enp0s3: 10.0.2.15
 IPv6 address for enp0s3: fd17:625c:f037:2:6a57:264c:4274:895e
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See https://ubuntu.com/esm or run: sudo pro status


Last login: Tue Oct 14 04:03:48 2025 from 192.168.100.6
vboxuser@ubuntu:~$
```
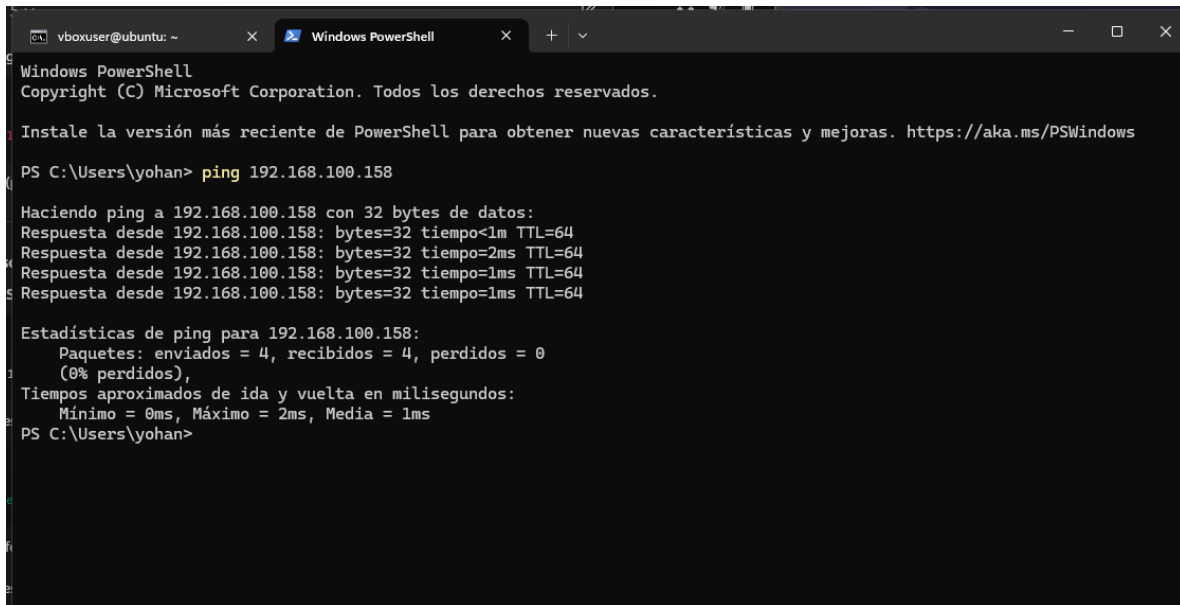
Pagina web en el server de XAMPP de la laptop
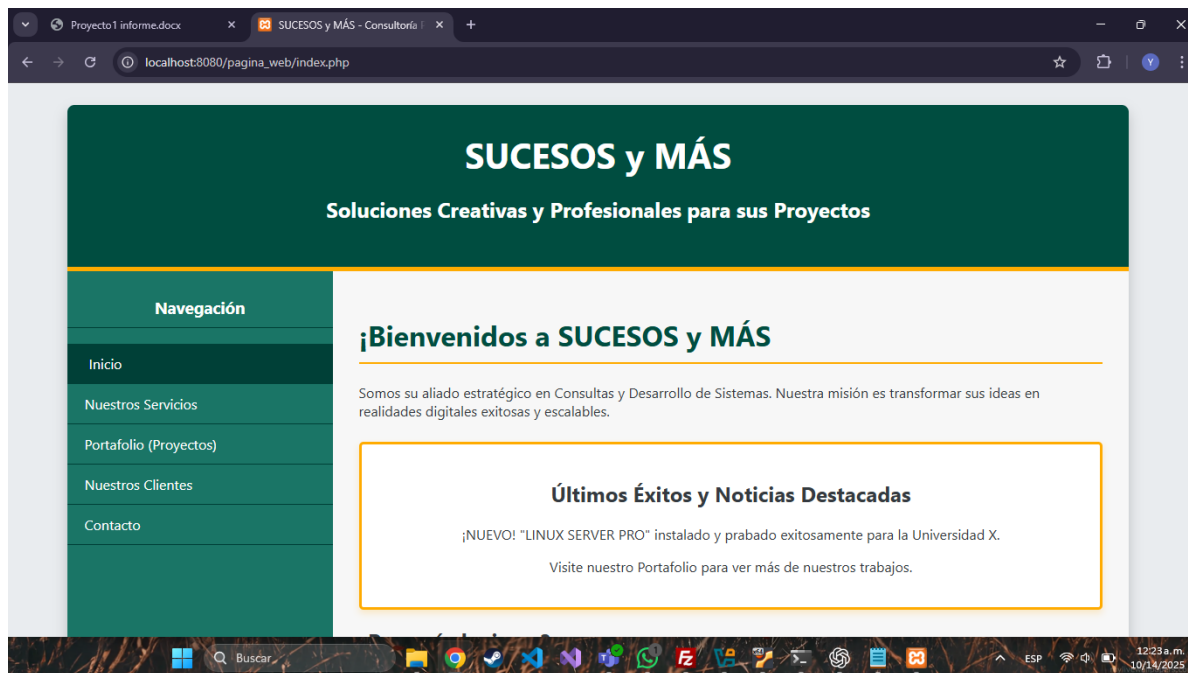
Pagina web en server de XAMPP en ubuntu de la VM

Ping de windows a ubuntu


```
Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.

Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

PS C:\Users\yohan> ping 192.168.100.158

Haciendo ping a 192.168.100.158 con 32 bytes de datos:
Respuesta desde 192.168.100.158: bytes=32 tiempo<1m TTL=64
Respuesta desde 192.168.100.158: bytes=32 tiempo=2ms TTL=64
Respuesta desde 192.168.100.158: bytes=32 tiempo=1ms TTL=64
Respuesta desde 192.168.100.158: bytes=32 tiempo=1ms TTL=64

Estadísticas de ping para 192.168.100.158:
    Paquetes: enviados = 4, recibidos = 4, perdidos = 0
    (0% perdidos),
Tiempos aproximados de ida y vuelta en milisegundos:
    Mínimo = 0ms, Máximo = 2ms, Media = 1ms
PS C:\Users\yohan>
```
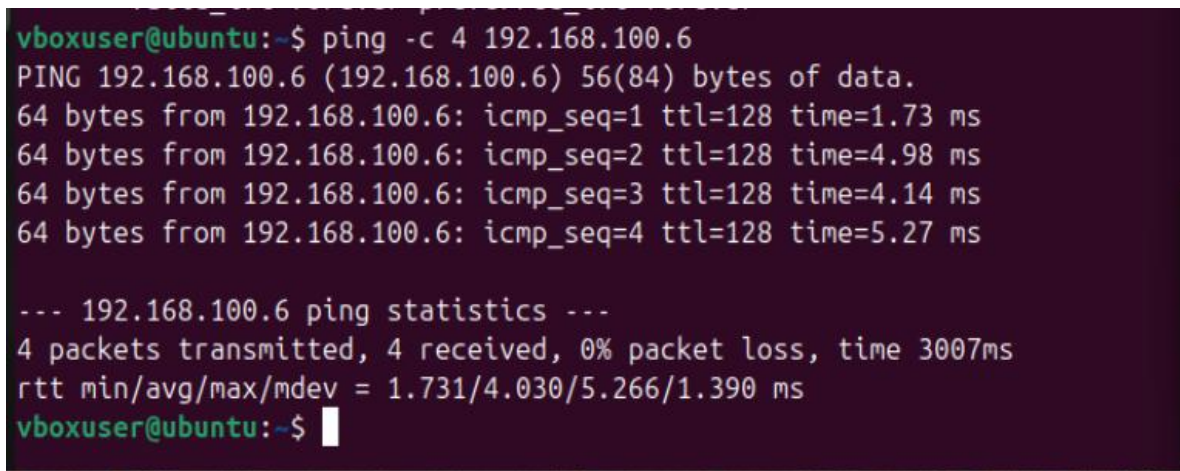
Ping de ubuntu a windows


```
vboxuser@ubuntu:~$ ping -c 4 192.168.100.6
PING 192.168.100.6 (192.168.100.6) 56(84) bytes of data.
64 bytes from 192.168.100.6: icmp_seq=1 ttl=128 time=1.73 ms
64 bytes from 192.168.100.6: icmp_seq=2 ttl=128 time=4.98 ms
64 bytes from 192.168.100.6: icmp_seq=3 ttl=128 time=4.14 ms
64 bytes from 192.168.100.6: icmp_seq=4 ttl=128 time=5.27 ms

--- 192.168.100.6 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3007ms
rtt min/avg/max/mdev = 1.731/4.030/5.266/1.390 ms
vboxuser@ubuntu:~$
```

Firezilla para FTP