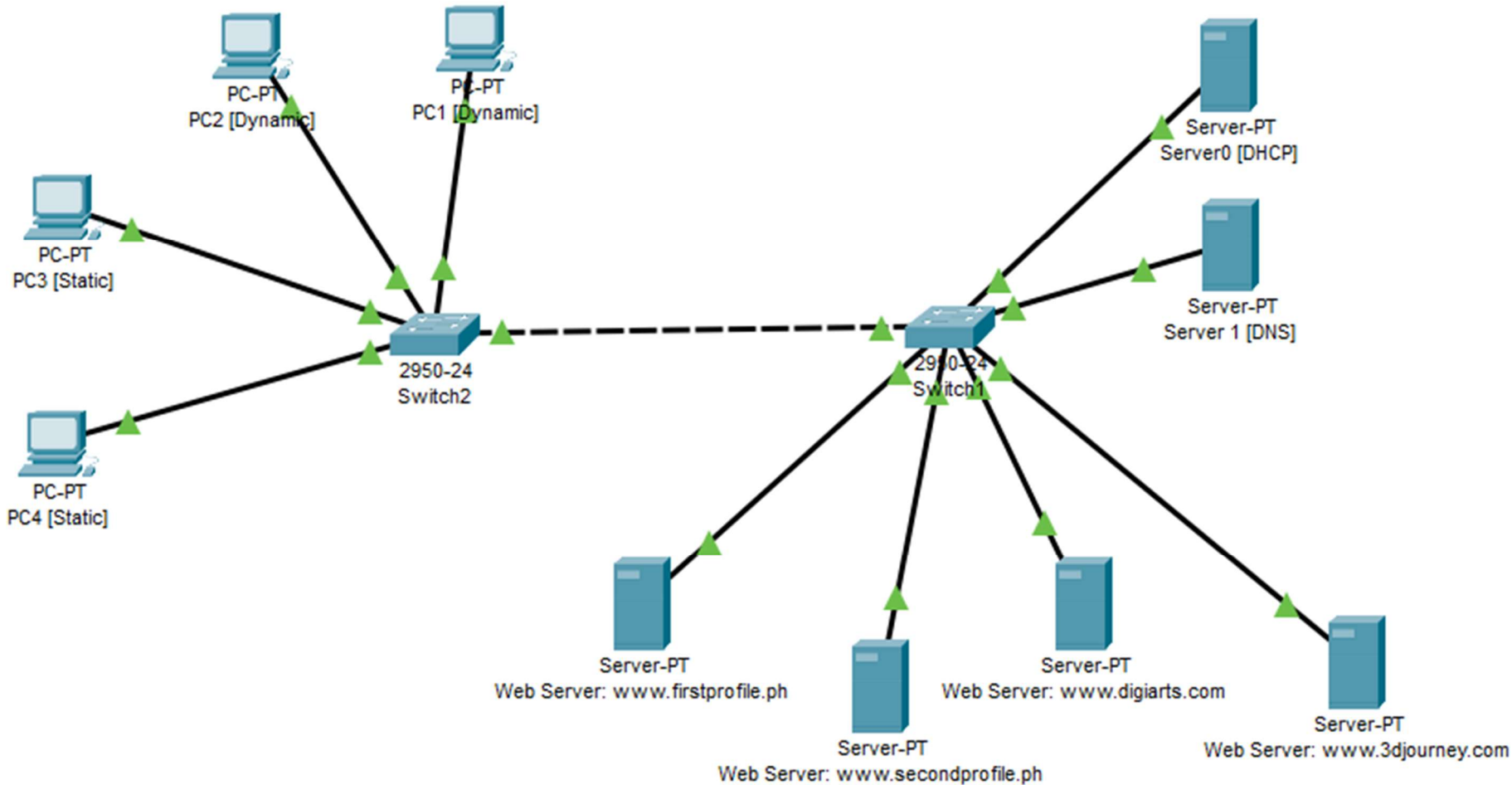


Laboratory 4

MARASIGAN, VEM AIENSI A.
2BSCS-1

4PC [2-Dynamic, 2-Static]
Network Layout



IP ADDRESS TABLE

PC IP		Servers	
PC1 [Dynamic]	(Auto Configure) 10.0.0.11	Server 0 [DHCP]	10.0.0.10
PC2 [Dynamic]	(Auto Configure) 10.0.0.12	Server 1 [DNS]	10.0.0.20
PC3 [Static]	10.0.0.13	Web Server: www.firstprofile.ph	10.0.0.21
PC4 [Static]	10.0.0.14	Web Server: www.secondprofile.ph	10.0.0.22
		Web Server: www.digiarts.com	10.0.0.23
		Web Server: www.3djourney.com	10.0.0.24
Default Gateway			
10.0.0.1			
Subnet Mask			
255.0.0.0			

Server 1 [DNS]

PhysicalConfigServicesDesktopProgrammingAttributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DNS

DNS Service

On

Off

Resource Records

Name

Type

A Record

Address

Add

Save

Remove

No.	Name	Type	Detail
0	www.3djourney.com	A Record	10.0.0.24
1	www.digiarts.com	A Record	10.0.0.23
2	www.firstprofile.ph	A Record	10.0.0.21
3	www.secondprofile.ph	A Record	10.0.0.22

DNS Cache

Server0 [DHCP]

PhysicalConfigServicesDesktopProgrammingAttributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DHCP

Interface

FastEthernet0

Service

On

Off

Pool Name

serverPool

Default Gateway

10.0.0.1

DNS Server

10.0.0.20

Start IP Address

10

0

0

11

Subnet Mask

255

0

0

0

Maximum Number of Users

512

TFTP Server

0.0.0.0

WLC Address

0.0.0.0

Add

Save

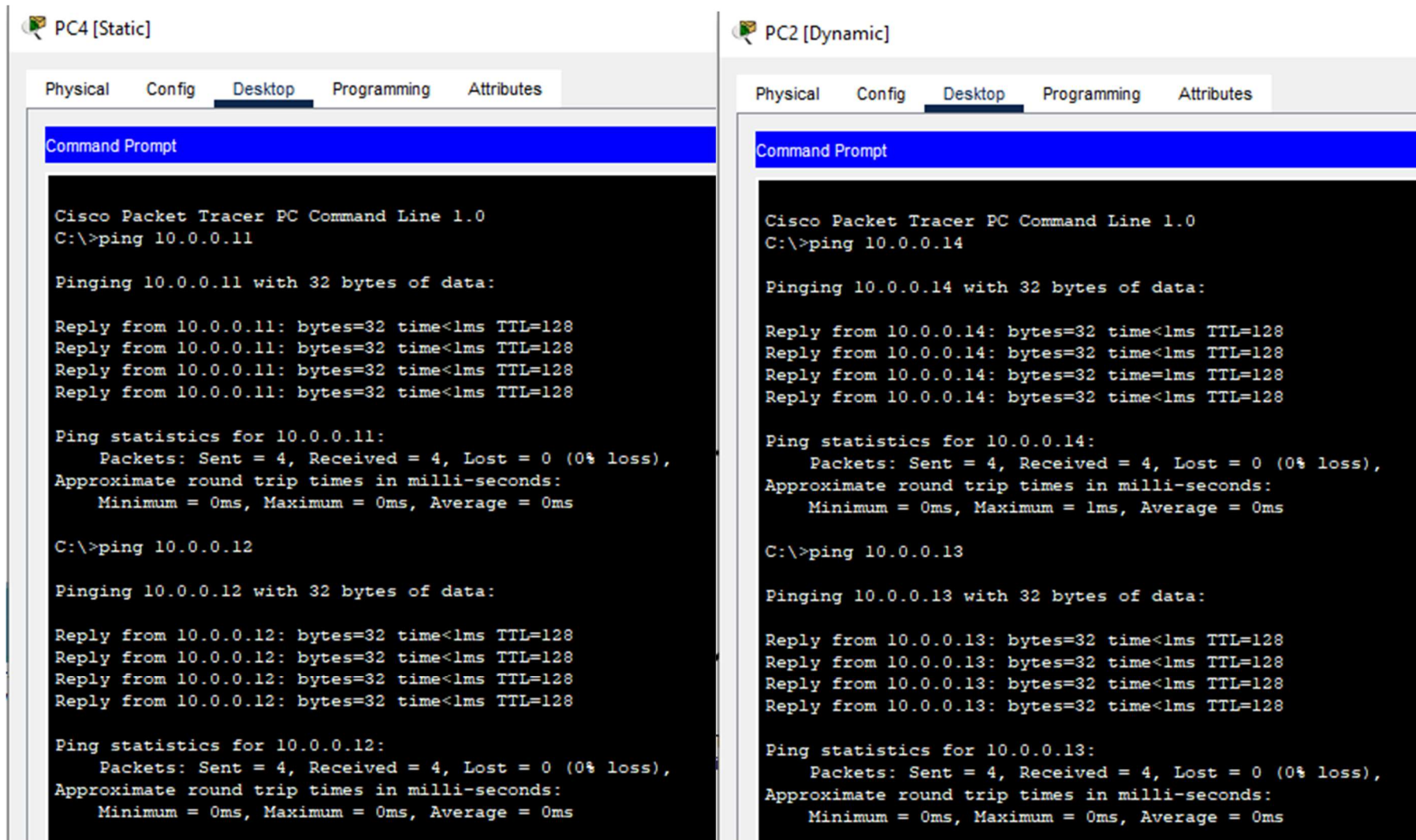
Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	10.0.0.1	10.0.0.20	10.0.0.11	255.0.0.0	512	0.0.0.0	0.0.0.0

Laboratory 4

MARASIGAN, VEM AIENSI A.
2BSCS-1

PINGING



The image displays two side-by-side Cisco Packet Tracer PC Command Line interfaces. The left window is for PC4 [Static] and the right window is for PC2 [Dynamic]. Both windows show the results of ping commands executed from the Command Prompt.

PC4 [Static] Command Prompt:

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.0.0.11

Pinging 10.0.0.11 with 32 bytes of data:

Reply from 10.0.0.11: bytes=32 time<1ms TTL=128
Reply from 10.0.0.11: bytes=32 time<1ms TTL=128
Reply from 10.0.0.11: bytes=32 time<1ms TTL=128
Reply from 10.0.0.11: bytes=32 time<1ms TTL=128

Ping statistics for 10.0.0.11:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 10.0.0.12

Pinging 10.0.0.12 with 32 bytes of data:

Reply from 10.0.0.12: bytes=32 time<1ms TTL=128
Reply from 10.0.0.12: bytes=32 time<1ms TTL=128
Reply from 10.0.0.12: bytes=32 time<1ms TTL=128
Reply from 10.0.0.12: bytes=32 time<1ms TTL=128

Ping statistics for 10.0.0.12:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

PC2 [Dynamic] Command Prompt:

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.0.0.14

Pinging 10.0.0.14 with 32 bytes of data:

Reply from 10.0.0.14: bytes=32 time<1ms TTL=128
Reply from 10.0.0.14: bytes=32 time<1ms TTL=128
Reply from 10.0.0.14: bytes=32 time<1ms TTL=128
Reply from 10.0.0.14: bytes=32 time<1ms TTL=128

Ping statistics for 10.0.0.14:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 10.0.0.13

Pinging 10.0.0.13 with 32 bytes of data:

Reply from 10.0.0.13: bytes=32 time<1ms TTL=128
Reply from 10.0.0.13: bytes=32 time<1ms TTL=128
Reply from 10.0.0.13: bytes=32 time<1ms TTL=128
Reply from 10.0.0.13: bytes=32 time<1ms TTL=128

Ping statistics for 10.0.0.13:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

Laboratory 4

MARASIGAN, VEM AIENSI A.
2BSCS-1

HTML CODE
www.firstprofile.ph

Web Server: www.firstprofile.ph

Physical Config **Services** Desktop Programming Attributes

SERVICES

HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP

File Name: index.html

```
<html>
<title>Curriculum Vitae</title>
<body style = "background-color:darkblue">

    <this contains my id picture>

    <h2 style = "color:lightblue;font-family:Calibri;text-align:center;">VEM AIENSI
MARASIGAN</h2>
    <p style="text-align:center">
    <img src = "1b.jpg" style = "width:100px;height:100px;"/></p>

    <p style = "color:lightgray;text-align:center">Experience is the foundation of
learning. I consider myself with high diligence and perseverance.<br>
I try my best to accomplish my tasks despite its difficulty. This gives significant
experience in<br>
which I believe that developed my skills and personality.</p>
<hr>

    <Lists>

    <h3 style = "color:pink">Personal Information</h3>
    <p style = "color:white">Name: <br><sub style = "color:lightblue"> Vem Aiensi A. Marasigan</
sub></p>
    <p style = "color:white">Address:<br><sub style = "color:lightblue"> Alcala St. Poblacion 1, Real,
Quezon</sub></p>
    <p style = "color:white">Contact Number: <br><sub style = "color:lightblue"> +63 976-071-6095</
sub></p>
    <p style = "color:white">Email: <br> <sub style = "color:lightblue"> vem.marasigan@neu.edu.ph</
sub></p>
    <p style = "color:white">Language: <br> <sub style = "color:lightblue"> Filipino and English</sub></
p>
<p></p>

    <h3 style = "color:Lightgreen">Education</h3>
    <ul style = "color:lightgray;font-size:95%;">
    <li><pre>Present -----<b style = "font-family:arial;color:white">New Era University:
College of Computer Studies</b></pre></li>
```

File Manager Save

☐ Top

Web Server: www.firstprofile.ph

Physical Config **Services** Desktop Programming Attributes

SERVICES

HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP

File Name: index.html

```
<h3 style = "color:Lightgreen">Education</h3>
<ul style = "color:lightgray;font-size:95%;">
<li><pre>Present -----<b style = "font-family:arial;color:white">New Era University:
College of Computer Studies</b></pre></li>
    <li><pre>May 2021 -----<b style = "font-family:arial;color:white">Infanta
National High School (SHS)</b></pre></li>
    <li><pre>Apr 2019 -----<b style = "font-family:arial;color:white">Infanta National High
School (JHS)</b></pre></li>
    <li><pre>Mar 2015 -----<b style = "font-family:arial;color:white">Infanta Central
Elementary School</b></pre></li>
</ul>

<p></p>
<h3 style = "color:lightyellow">Awards and Honors</h3>
<ul style="font-family:arial;list-style-type:square">
<li style = "color:lightblue">Graduated with high honors from Grade 10-12.</li>
<li style = "color:lightblue">Conduct Awardee</li>
<li style = "color:lightblue">Achieved 99+ Mathematical ability according to NCAE result.</li>
</ul>

<p></p>
<h3 style = "color:orange">Interests</h3>
<ul style="font-family:arial;list-style-type:square">
<li style = "color:lightblue">Puzzles</li>
<li style = "color:lightblue">Mathematics</li>
<li style = "color:lightblue" style = "color:lightblue">Digital Art</li>
<li style = "color:lightblue">Music</li>
</ul>

</body>

</html>
```

File Manager Save

☐ Top

HTML CODE

www.secondprofile.ph

Web Server: www.secondprofile.ph

Physical Config **Services** Desktop Programming Attributes

SERVICES

HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP

File Name: index.html

```
<html>
<title>Curriculum Vitae</title>
<body>

<!Styles here>
<style>
    li {color:#374970; font-size:120%; font-family:arial}
    {color:#315394; font-family:Calibri; font-size:150%}
    p {color: lightgray; font-size:150%;}
    color:#deeaff; padding:2%}
    td {border-style:none}
    {background-color:#deeaff;}
    a {color:lightblue; font-size:70%}
</style>

<table style=" height:100%; width:100%">
<tr>

    <td style = "background-color:#315394; width:25%;">
    <p>
    <img src = "1b.jpg" alt="ID Picture" style = "width:100%"/></a></p>

<br>
<h3 style = "color:#deeaff; font-size:200%">Personal Information</h3>
<p>Name: <br><sub style = "color:lightblue"> Vem Aiensi A. Marasigan</sub></p>
<p>Address:<br><sub style = "color:lightblue"> Alcala St. Poblacion 1, Real, Quezon</sub></p>
<p>Contact Number: <br><sub style = "color:lightblue"> +63 976-071-6095</sub></p>
<p>Email: <br> <a href="https://mail.google.com">vem.marasigan@neu.edu.ph</a></p>
<p>Language: <br> <sub style = "color:lightblue"> Filipino and English</sub></p>
<p></p>

<br><br><br><br><br>
    </td>

    <td style="width:75%;"><p style="color:#315394;font-size:200%; font-family:Calibri"><b>VEM AIENSI
MARASIGAN<b></p>

</td>
</tr>
</table>

</body>
</html>
```

File Manager Save

☐ Top

Web Server: www.secondprofile.ph

Physical Config **Services** Desktop Programming Attributes

SERVICES

HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP

File Name: index.html

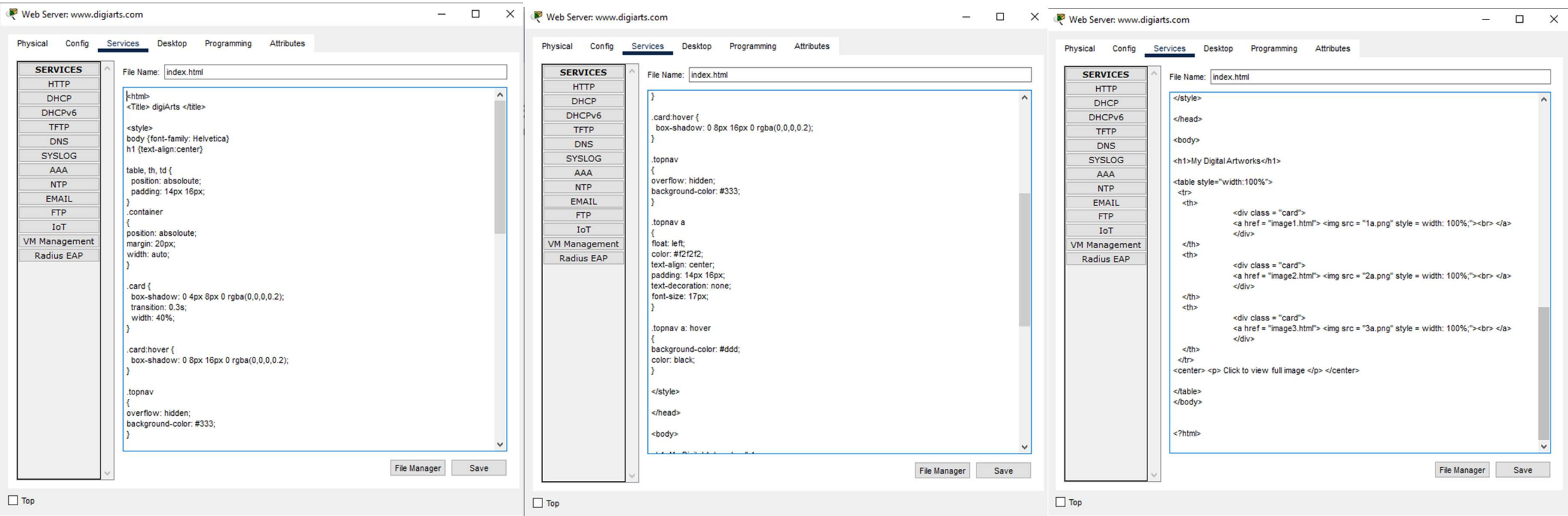
```
<p style = "color:#315394;font-family:Calibri">Experience is the foundation of learning. I consider
myself with high diligence and perseverance.
I try my best to accomplish my tasks despite its difficulty. This gives significant
experience in
    which I believe that developed my skills and personality.</p>
<br>
<hr>
<h3>EDUCATION</h3>
<ul>
<li>Present ----- <b>New Era University: College of Computer Studies</b></li>
<li>May 2021 ----- <b>Infanta National High School (SHS)</b></li>
<li>Apr 2019 ----- <b>Infanta National High School (JHS)</b></li>
<li>Mar 2015 ----- <b>Infanta Central Elementary School</b></li>
</ul>
<br>
<h3><b>AWARDS & HONORS</b></h3>
<ul style="font-family:arial;list-style-type:square">
<li>Graduated with high honors from Grade 10-12.</li>
<li>Conduct Awardee</li>
<li>Achieved 99+ Mathematical ability according to NCAE result.</li>
</ul>
<br>
<h3><b>INTERESTS</b></h3>
<ul style="font-family:arial;list-style-type:square">
<li>Puzzles</li>
<li>Mathematics</li>
<li>Digital Art</li>
<li>Music</li>
</ul>
<br><br><br><br><br>
<p style="text-align:right; font-size:50%">Hello, Thank you for finding Me :)</p>
</td>
</tr>
</table>
</body>
```

File Manager Save

☐ Top

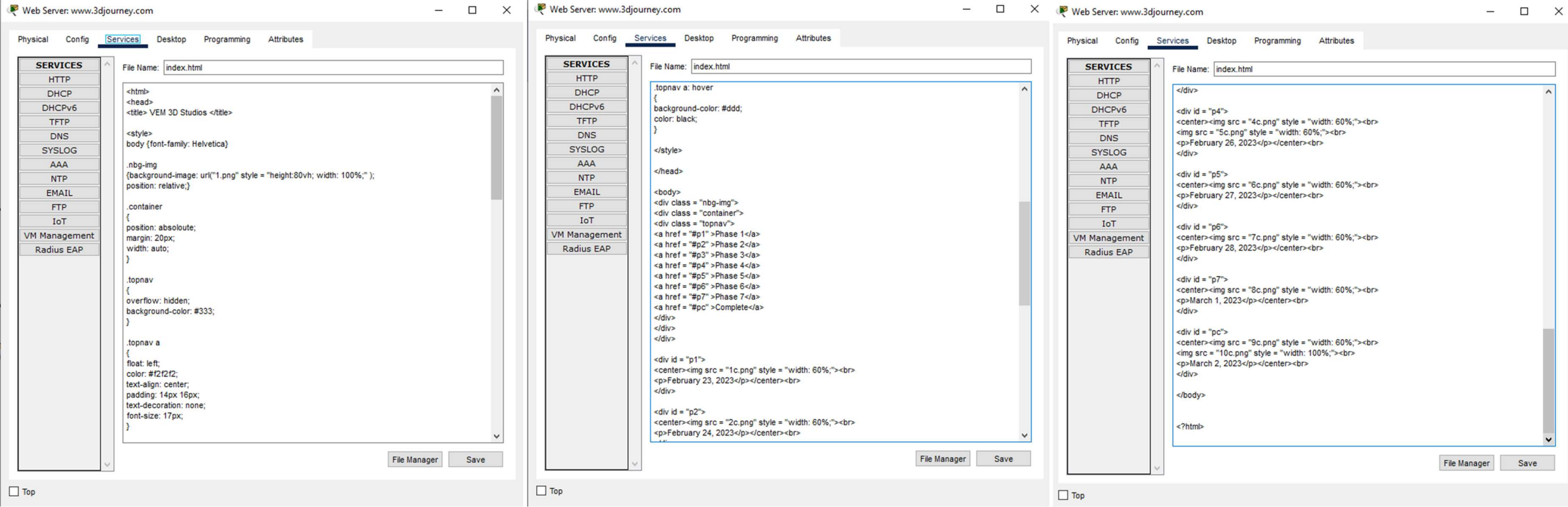
HTML CODE

www.digiarts.com



**This site contains intuitive clickable cards*

HTML CODE
www.3djourney



Laboratory 4

MARASIGAN, VEM AIENSI A.
2BSCS-1

Website: www.firstprofile.ph & www.secondprofile.ph

Web Browser

< > URL <http://www.firstprofile.ph> Go Stop



Experience is the foundation of learning. I consider myself with high diligence and perseverance. I try my best to accomplish my tasks despite its difficulty. This gives significant experience in which I believe that developed my skills and personality.

Personal Information

Name:
Vem Aiensi A. Marasigan

Address:
Alcala St. Poblacion 1, Real, Quezon

Contact Number:
+63 976-071-6095

Email:
vem.marasigan@neu.edu.ph

Language:
Filipino and English

Education

- Present ----- **New Era University: College of Computer Studies**
- May 2021 ----- **Infanta National High School (SHS)**
- Apr 2019 ----- **Infanta National High School (JHS)**
- Mar 2015 ----- **Infanta Central Elementary School**

Awards and Honors

- Graduated with high honors from Grade 10-12.
- Conduct Awardee
- Achieved 99+ Mathematical ability according to NCAE result.

Interests

- Puzzles
- Mathematics
- Digital Art
- Music

Web Browser

< > URL <http://www.secondprofile.ph> Go Stop



VEM AIENSI MARASIGAN

Experience is the foundation of learning. I consider myself with high diligence and perseverance. I try my best to accomplish my tasks despite its difficulty. This gives significant experience in which I believe that developed my skills and personality.

EDUCATION

- Present ----- **New Era University: College of Computer Studies**
- May 2021 ----- **Infanta National High School (SHS)**
- Apr 2019 ----- **Infanta National High School (JHS)**
- Mar 2015 ----- **Infanta Central Elementary School**

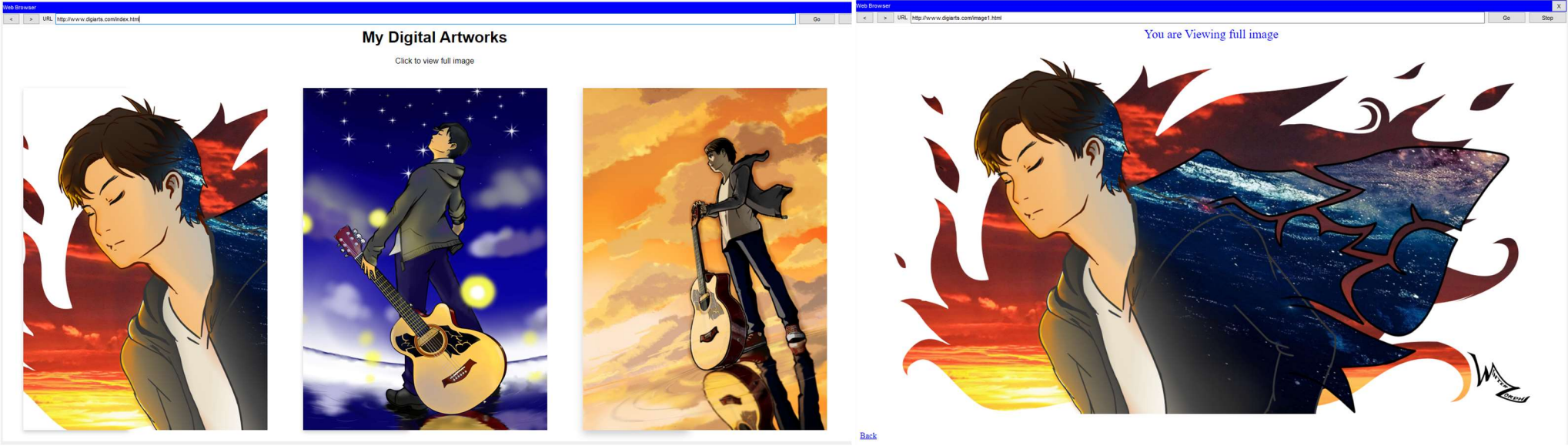
AWARDS & HONORS

- Graduated with high honors from Grade 10-12.
- Conduct Awardee
- Achieved 99+ Mathematical ability according to NCAE result.

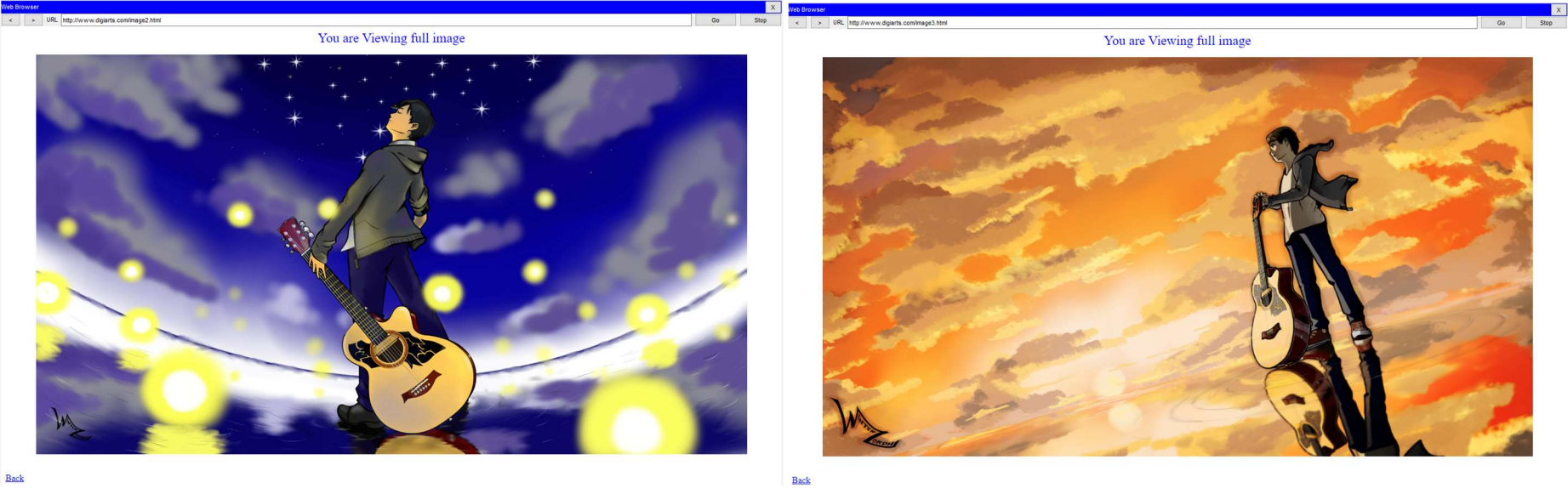
INTERESTS

- Puzzles
- Mathematics
- Digital Art
- Music

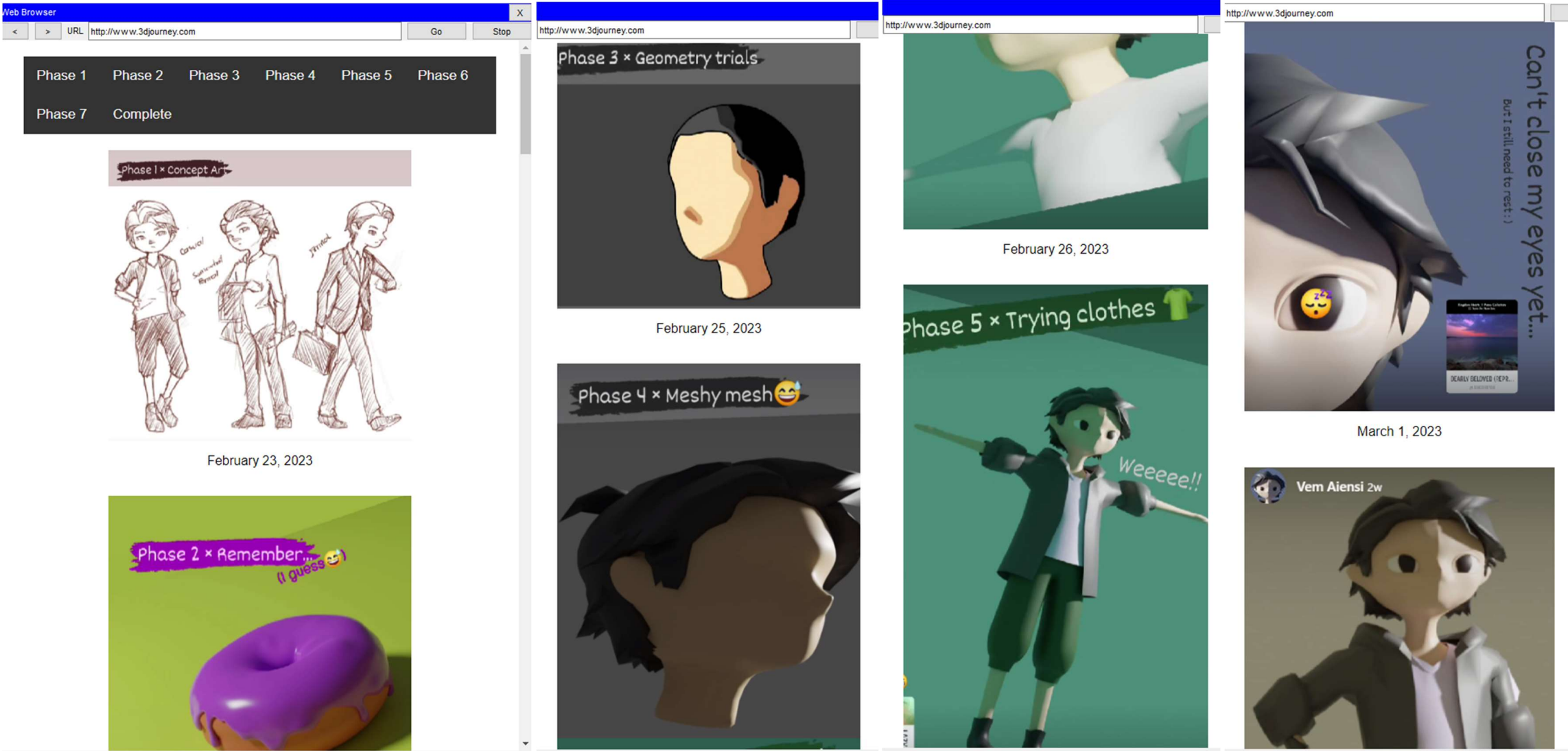
Website: www.digiarts.com



Clickable cards/images



Website: www.digiarts.com



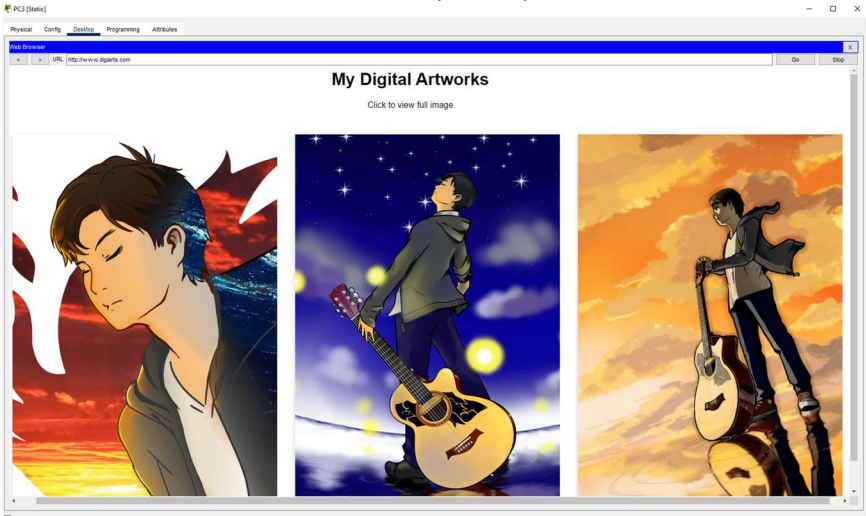
Website Access Test

MARASIGAN, VEM AIENSI A.
2BSCS-1

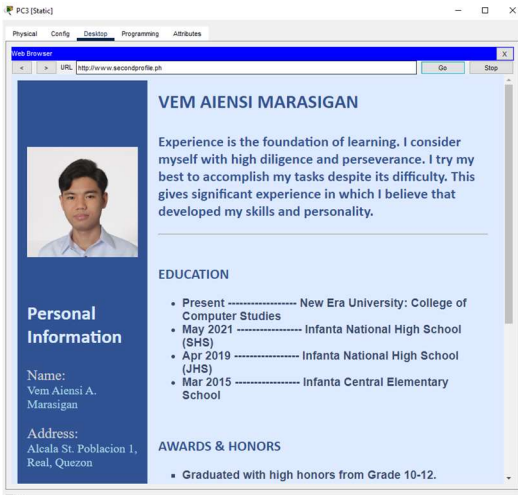
PC3 [Static]



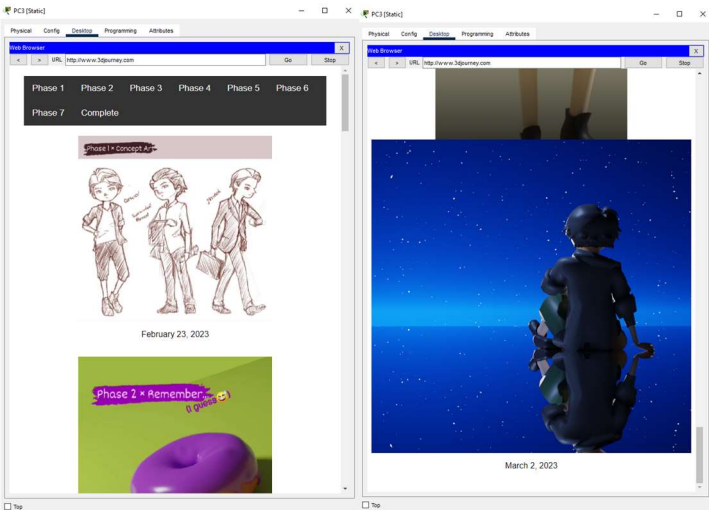
www.firstprofile.ph



www.digiarts.com



www.secondprofile.ph



www.3djourney.com

Website Access Test

CSL221-18 Networking and Communication - Laboratory

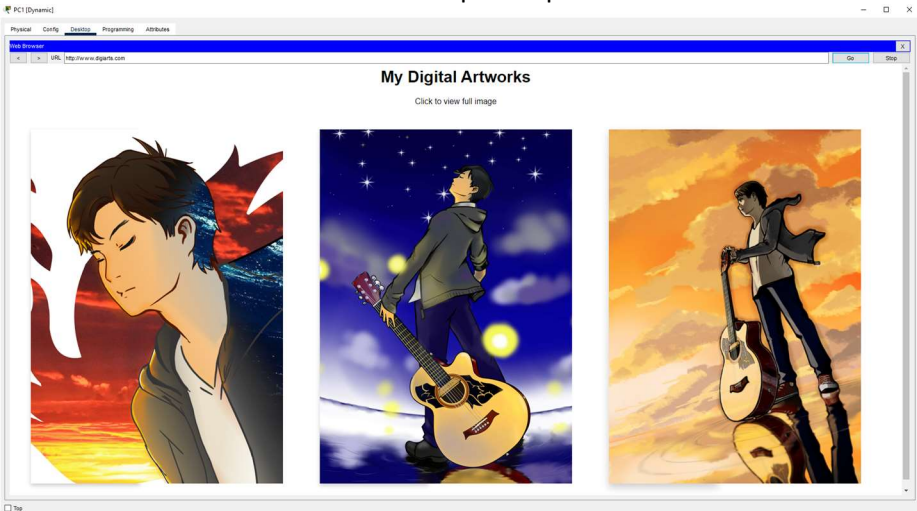
Laboratory 4

MARASIGAN, VEM AIENSI A.
2BSCS-1

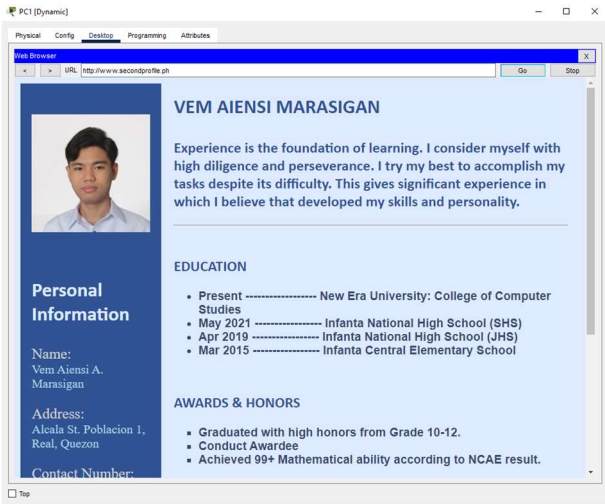
PC1 [Dynamic]



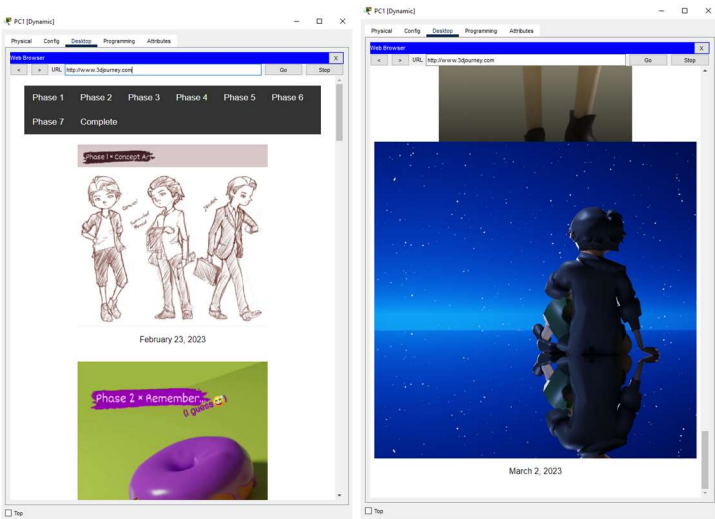
www.firstprofile.ph



www.digiarts.com



www.secondprofile.ph



www.3djourney.com