



```
joe@www:~$ echo "Prepping my webserver to be able to dynamically serve content using php and mysql"
```

```
Prepping my webserver to be able to dynamically serve content using php and mysql
```

```
joe@www:~$ sudo apt update && sudo apt install php-mysql php libapache2-mod-php
```

```
joe@www:/etc/apache2/sites-available$ echo "Create your new virtual hosts as you have done previously"
```

```
Create your new virtual hosts as you have done previously
```

```
joe@www:/etc/apache2/sites-available$ cat journey.thegummibear.com.conf
```

```
<VirtualHost 144.38.199.38:80>
```

```
    ServerName journey.thegummibear.com
```

```
    DocumentRoot /var/www/html/journey.thegummibear.com
```

```
</VirtualHost>
```

```
joe@www:/etc/apache2/sites-available$ echo "Remember to enable, and create appropriate dns entries"
```

```
Remember to enable, and create appropriate dns entries
```

```
joe@www:/etc/apache2/sites-available$
```



```
joe@www:/var/www/html/journey.thegummibear.com$ echo "Add a simple php script to test"
Add a simple php script to test
joe@www:/var/www/html/journey.thegummibear.com$ sudo vi index.php
```



```
joe@www:/var/www/html/journey.thegummibear.com$ cat index.php
```

```
<?php
```

```
echo "<h1>This is my simple php script<h1>";
```

```
?>
```

```
joe@www:/var/www/html/journey.thegummibear.com$ █
```



journey.thegummibear.com/×



journey.thegummibear.com



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This is my simple php script

```
joe@www:/var/www/html/journey.thegummibear.com$ echo "Now I will try with a little more complicated php script"
```

```
Now I will try with a little more complicated php script
```

```
joe@www:/var/www/html/journey.thegummibear.com$ sudo wget http://it3100.cs.utahtech.edu/joe-notes/web/tictactoe.txt
```

```
--2023-08-08 16:34:37-- http://it3100.cs.utahtech.edu/joe-notes/web/tictactoe.txt
```

```
Resolving it3100.cs.utahtech.edu (it3100.cs.utahtech.edu)... 2606:50c0:8002::153, 2606:50c0:8000::153, 2606:50c0:8003::153, ...
```

```
Connecting to it3100.cs.utahtech.edu (it3100.cs.utahtech.edu)|2606:50c0:8002::153|:80... connected.
```

```
HTTP request sent, awaiting response... 200 OK
```

```
Length: 2256 (2.2K) [text/plain]
```

```
Saving to: 'tictactoe.txt'
```

```
tictactoe.txt          100%[=====>]      2.20K  --.-KB/s    in 0s
```

```
2023-08-08 16:34:37 (130 MB/s) - 'tictactoe.txt' saved [2256/2256]
```

```
joe@www:/var/www/html/journey.thegummibear.com$ ls
```

```
index.php  tictactoe.txt
```

```
joe@www:/var/www/html/journey.thegummibear.com$ sudo mv tictactoe.txt tictactoe.php
```

```
joe@www:/var/www/html/journey.thegummibear.com$
```



journey.thegummibear.com/ ×

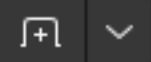


journey.thegummibear.com/tictactoe.php?values=0,1,0,0,0,0,0,-1,1



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```
_X_  
_ _ O  
_ O X
```



```
joe@www:/var/www/html/journey.thegummibear.com$ echo "It appears to work"
```

```
It appears to work
```

```
joe@www:/var/www/html/journey.thegummibear.com$
```