Objective: *Write a program in PHP to display the table of a number on the browser.*

Theory: *In this practical, I have learned that how to print the table of a number and number will be input by the user.*

For this purpose, we have make two text boxes in a form and then assign names to each of the form element. For example, here we assign the following names.

Input type text is named as "value".

Input type submit is names as "btn".

Now we can put the values of form elements "value" and "btn" in some_variable by POST method and by using the action

attribute we have linked the html file to the php file and further necessary actions will be carried out.

File name: *table.html*

table.php

Code:

table.html

```html
<html>
<head>
    <title>table</title>
</head>
<body bgcolor="black" text="white">
   <center>
    <form method="post" action="table2.php">

        <strong>Enter No:</strong>
        <input type="text" name="num" size="10">
        <input type="submit" value="Get Table">
        </table>
    </form>
</body>
</html>
```

Table.php

```php
<?php
$num = $_POST['num'];
```

```php
echo "<table border = 1>";

if($num)
{
    for ($i=1; $i<=10; $i++)
    {

        $mul = $num * $i;
        echo "<tr> <td>" . $num ."</td> <td>  *  </td> <td>". $i
."</td> <td>". " = " ."</td> <td>". $mul . "</td> </tr>";
    }
}
else
{
    echo "Invalid Entry!";
}
echo(" </table>" );
?>
```
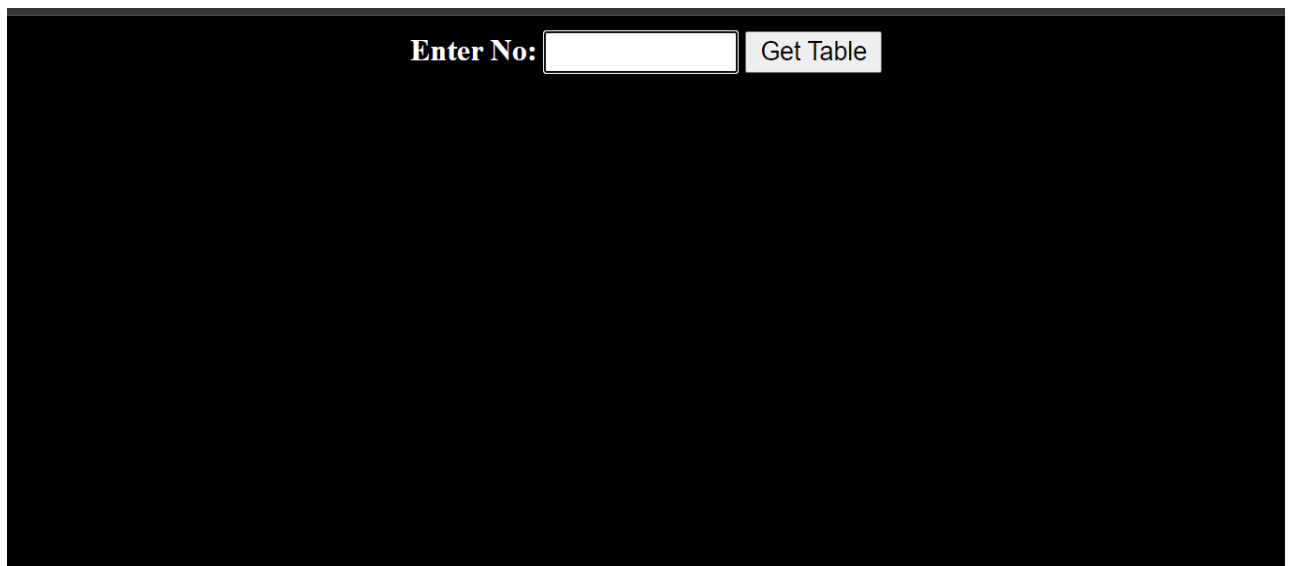
Output:

Now it is asking the user to enter a number.

Enter No: [   ] Get Table

Now the user has entered the number

Now the table of the 12 will print on the browser.

12	*	1	=	12
12	*	2	=	24
12	*	3	=	36
12	*	4	=	48
12	*	5	=	60
12	*	6	=	72
12	*	7	=	84
12	*	8	=	96
12	*	9	=	108
12	*	10	=	120

// if we don't want to take the input from the user and want to print the table of a particular number then we will write the code in this way.

```php
<?php
```

```php
$num = 19;
echo "<table border = 1 >";
for ($i = 1 ; $i <= 10 ; $i++ ){
    $result = $num * $i ;
    echo "<tr> <td>" . $num ."</td> <td>   *   </td> <td>". $i ."</td>
<td>". " = " ."</td> <td>". $result . "</td> </tr>";


}
?>
```

Output:

19	*	1	=	19
19	*	2	=	38
19	*	3	=	57
19	*	4	=	76
19	*	5	=	95
19	*	6	=	114
19	*	7	=	133
19	*	8	=	152
19	*	9	=	171
19	*	10	=	190

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