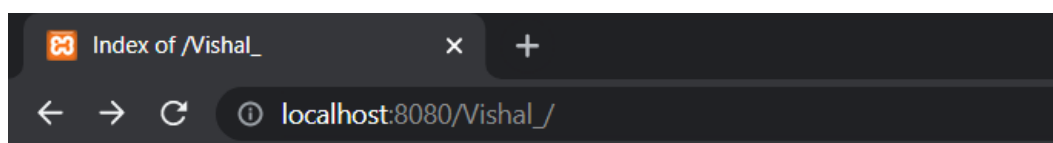

















Practical 1

AIM: Hello World Example, finding errors present in the program, Insert Comments in Program, PHP Variable Example, Global and locally-scoped variables – Example, Constant string Example, PHP Example to calculate the area of the circle, PHP Example to calculate the area of the triangle, PHP Example to calculate the area of the square, PHP Example to calculate the area of the rectangle.

➤ Directory



Index of /Vishal_

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>
 Parent Directory		-	
 area of circle.php	2022-02-13 13:09	211	
 area of rectangle.php	2022-02-13 13:09	178	
 area of square.php	2022-02-13 13:10	193	
 area of triangle.php	2022-02-13 13:07	173	
 error 1.php	2022-02-13 13:07	94	
 error 2.php	2022-02-13 13:05	97	
 error 3.php	2022-02-13 13:05	104	
 global scope.php	2022-02-13 13:07	236	
 hello world.php	2022-02-13 13:06	93	
 local scope.php	2022-02-13 13:06	234	
 multi line comment.php	2022-02-13 13:07	161	
 single line comment.php	2022-02-13 13:05	154	
 string constant.php	2022-02-13 13:03	118	
 variable.php	2022-02-13 13:03	184	

Apache/2.4.52 (Win64) OpenSSL/1.1.1m PHP/8.1.2 Server at localhost Port 8080

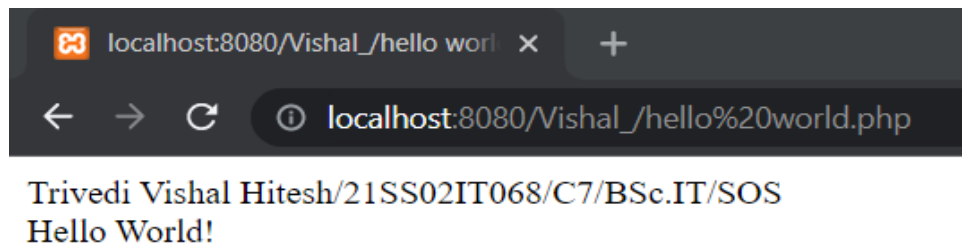
1. Hello World!

Input



```
File Edit Format View Help
<?php
echo "Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS";
echo "<br> Hello World!";
?>
```

Output



2. Error 1

Input



```
File Edit Format View Help
<?php
echo "Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS";
echo = "<br> Hello World!"
?>
```

Output

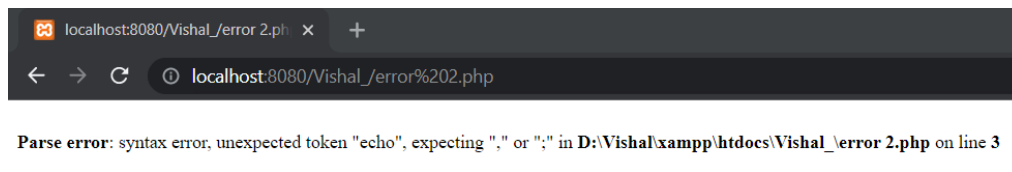


3. Error 2

Input

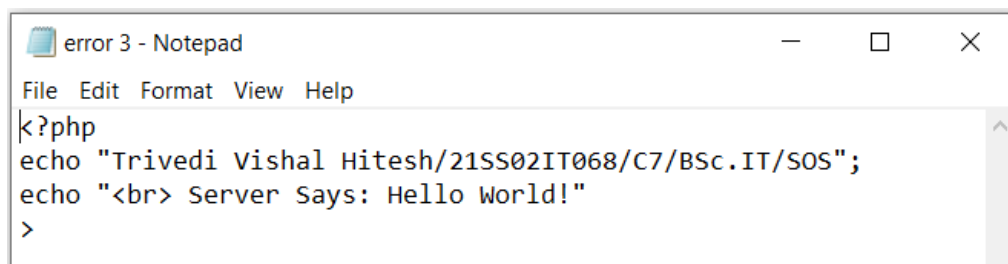


Output

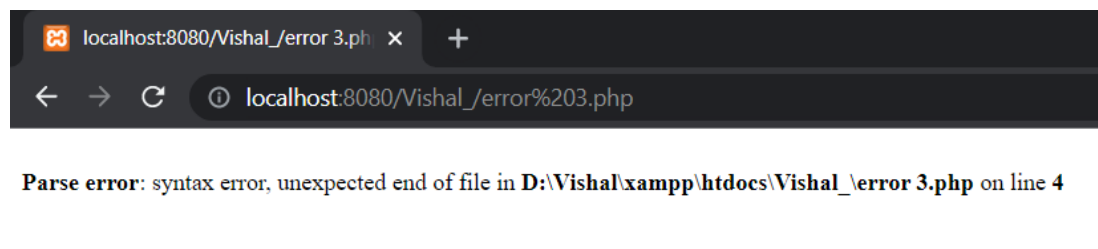


4. Error 3

Input

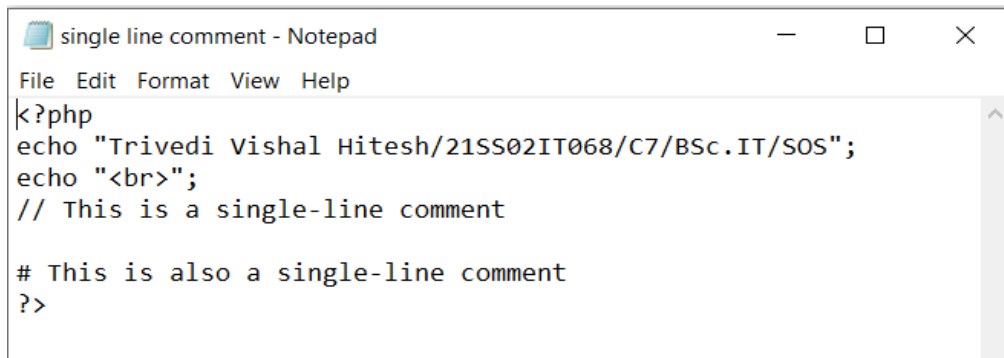


Output



5. Single Line Comment

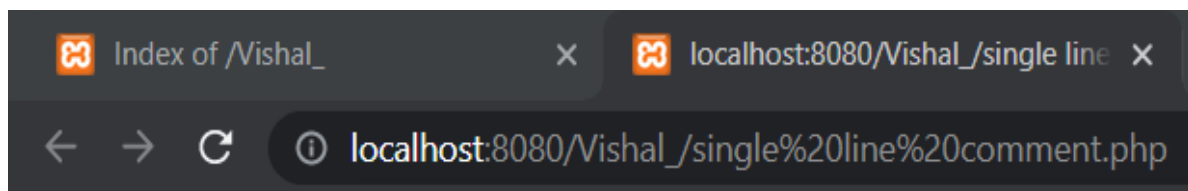
Input



```
single line comment - Notepad
File Edit Format View Help
k?php
echo "Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS";
echo "<br>";
// This is a single-line comment

# This is also a single-line comment
?>
```

Output



Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS

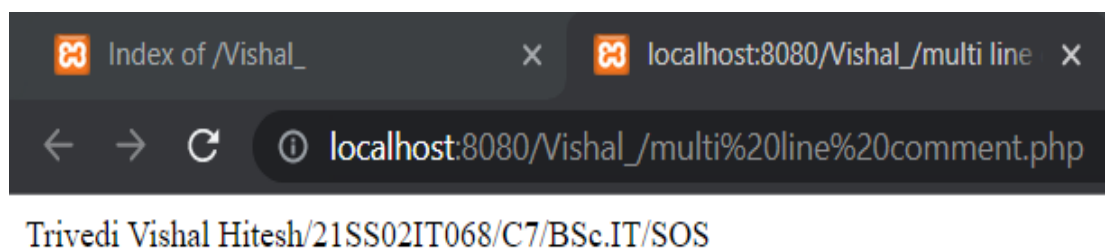
6. Multi Line Comment

Input



```
multi line comment - Notepad
File Edit Format View Help
<?php
echo "Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS";
echo "<br>";
/*
This is a multiple-lines comment block
that spans over multiple
lines
*/
?>
```

Output



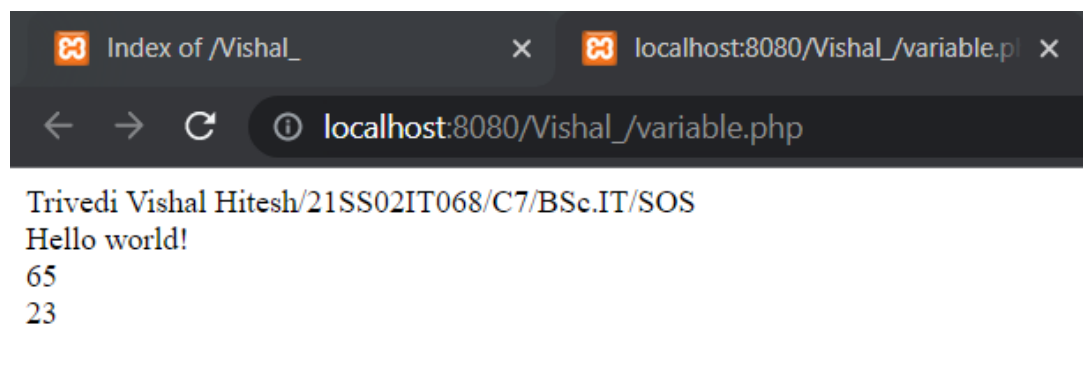
7. Variable

Input



```
variable - Notepad
File Edit Format View Help
<?php
echo "Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS";
echo "<br>";
$txt = "Hello world!";
$x = 65;
$y = 23;
echo $txt;
echo "<br>";
echo $x;
echo "<br>";
echo $y;
?>
```

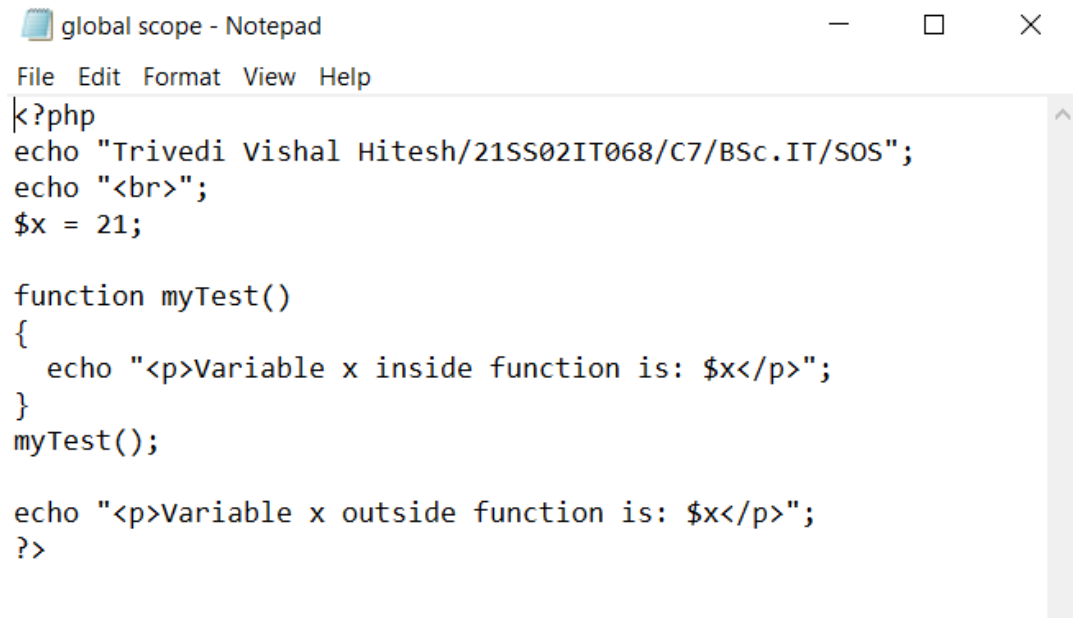
Output



```
Index of /Vishal_ x localhost:8080/Vishal_/variable.php x
< > ↻ ⓘ localhost:8080/Vishal_/variable.php
Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS
Hello world!
65
23
```

8. Global Scope Variable

Input

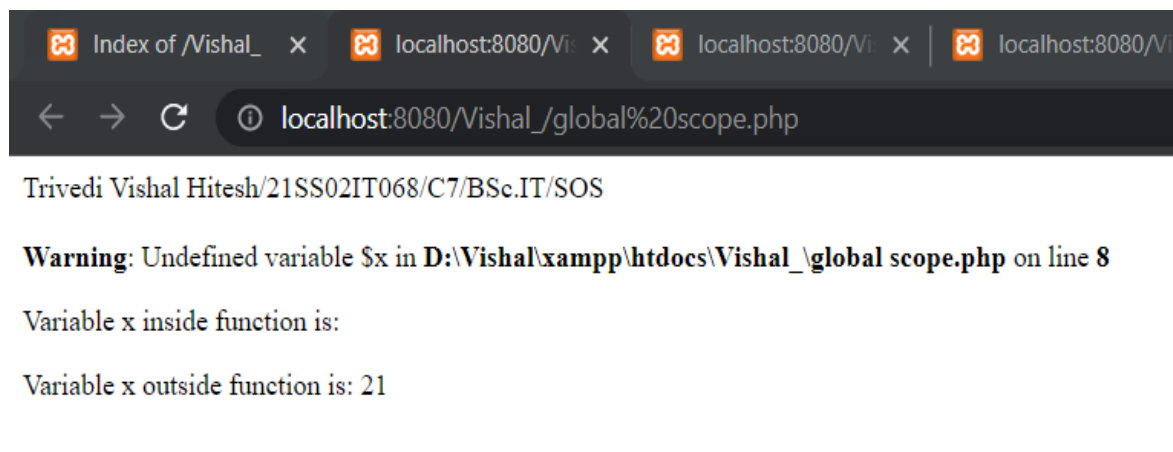


```
global scope - Notepad
File Edit Format View Help
<?php
echo "Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS";
echo "<br>";
$x = 21;

function myTest()
{
    echo "<p>Variable x inside function is: $x</p>";
}
myTest();

echo "<p>Variable x outside function is: $x</p>";
?>
```

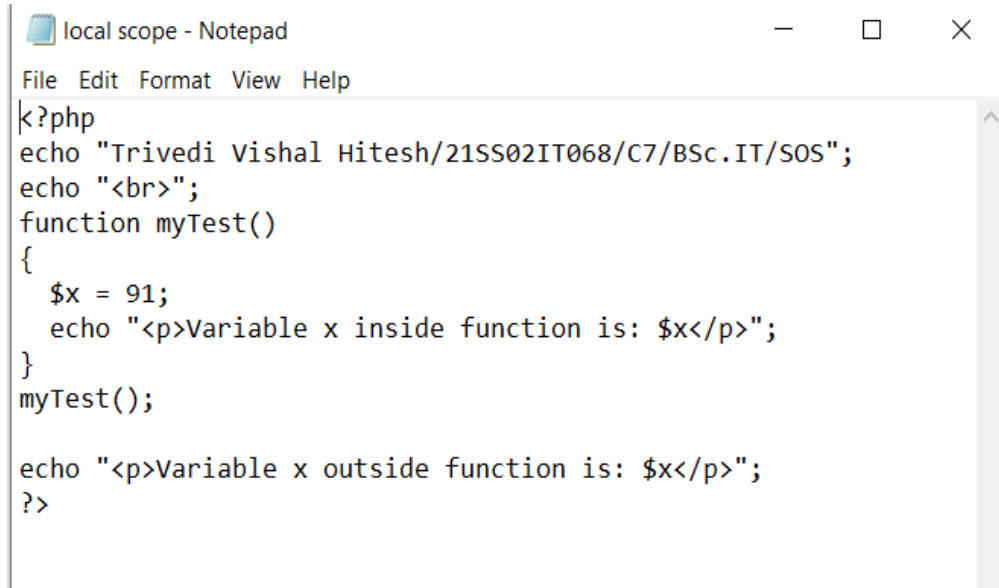
Output



```
Index of /Vishal_ x localhost:8080/Vi x localhost:8080/Vi x localhost:8080/Vi
localhost:8080/Vishal/_global%20scope.php
Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS
Warning: Undefined variable $x in D:\Vishal\xampp\htdocs\Vishal\_global scope.php on line 8
Variable x inside function is:
Variable x outside function is: 21
```

9. Local Scope Variable

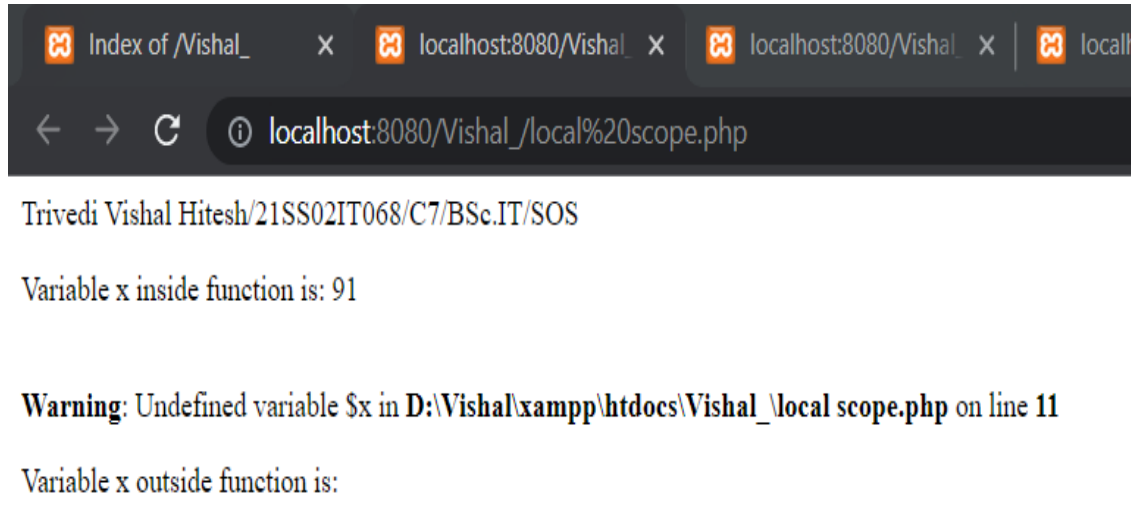
Input



```
local scope - Notepad
File Edit Format View Help
<?php
echo "Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS";
echo "<br>";
function myTest()
{
    $x = 91;
    echo "<p>Variable x inside function is: $x</p>";
}
myTest();

echo "<p>Variable x outside function is: $x</p>";
?>
```

Output



Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS

Variable x inside function is: 91

Warning: Undefined variable \$x in D:\Vishal\xampp\htdocs\Vishal_\local scope.php on line 11

Variable x outside function is:

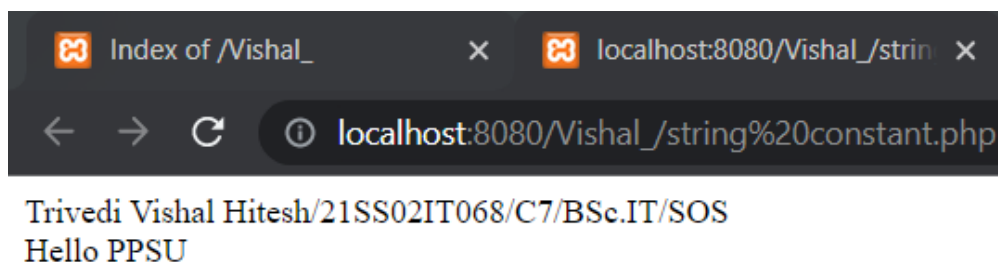
10. String Constant

Input



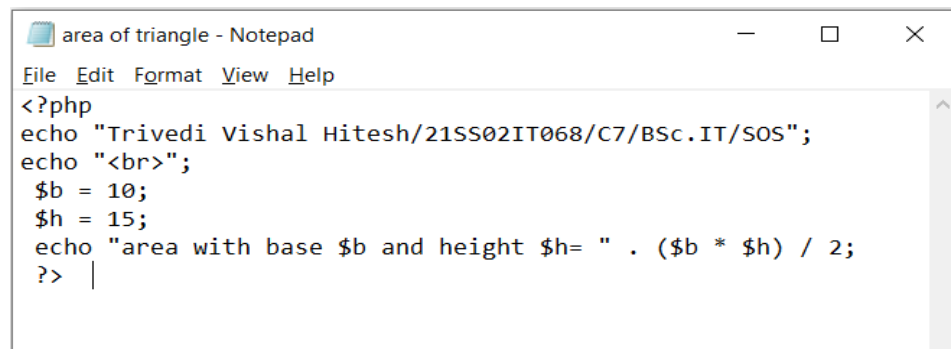
```
string constant - Notepad
File Edit Format View Help
<?php
echo "Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS";
echo "<br>";
define("A", "Hello PPSU");
echo A;
?>
```

Output



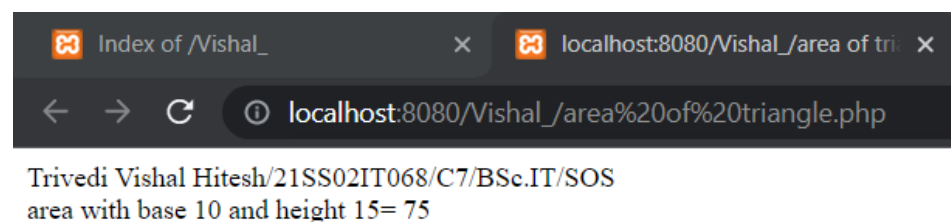
11. Area of Triangle

Input



```
area of triangle - Notepad
File Edit Format View Help
<?php
echo "Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS";
echo "<br>";
$b = 10;
$h = 15;
echo "area with base $b and height $h= " . ($b * $h) / 2;
?>
```

Output



12. Area of Circle

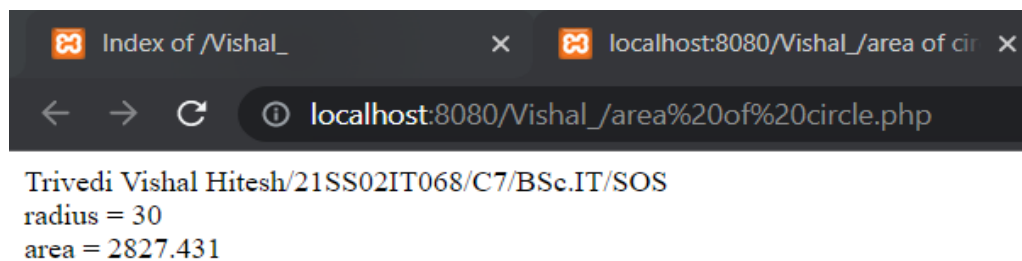
Input



```
area of circle - Notepad
File Edit Format View Help
<?php

$radius = 30.0;
$pi = 3.14159;
$area = $pi * $radius * $radius;
echo "Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS";
echo("<br>radius = ");
echo($radius);
echo("<br>area = ");
echo($area);
?>
```

Output



```
Index of /Vishal_ x localhost:8080/Vishal_/area of cir x
localhost:8080/Vishal_/area%20of%20circle.php

Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS
radius = 30
area = 2827.431
```

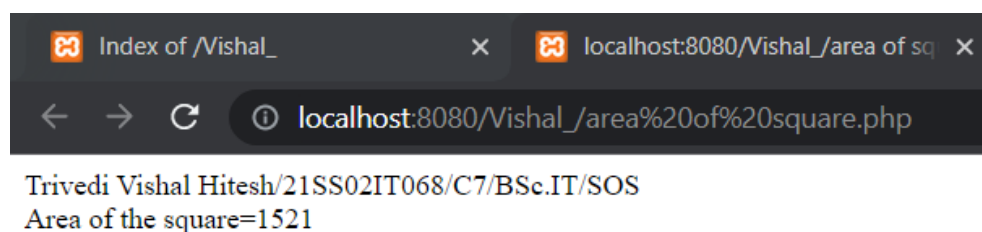
13. Area of Square

Input



```
area of square - Notepad
File Edit Format View Help
<?php
echo "Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS";
echo "<br>";
$s=39;
$area_square=$s*$s;
echo "Area of the square=";
echo $area_square;
?>
```

Output



```
Index of /Vishal_ x localhost:8080/Vishal_/area of sq x
localhost:8080/Vishal_/area%20of%20square.php

Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS
Area of the square=1521
```

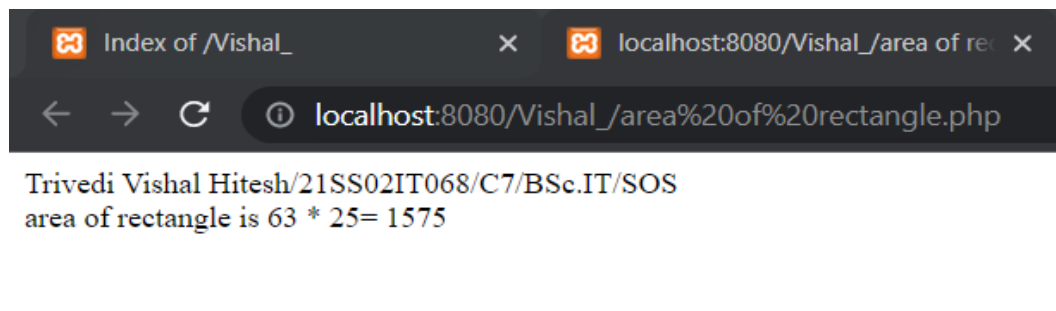
14. Area of Rectangle

Input



```
area of rectangle - Notepad
File Edit Format View Help
<?php
echo "Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS";
echo "<br>";
$l = 63;
$w = 25;
echo "area of rectangle is $l * $w= " . ($l * $w) . "<br />";
?>
```

Output



```
Index of /Vishal_ localhost:8080/Vishal_/area of rectangle
localhost:8080/Vishal_/area%20of%20rectangle.php
Trivedi Vishal Hitesh/21SS02IT068/C7/BSc.IT/SOS
area of rectangle is 63 * 25= 1575
```