1.

Clear

```
Variable capital is 67<br>
Warning: Undefined variable $CaPiTaL in /tmp/unFRg17sRs/main.php on line 4
Variable CaPiTaL is

--- Code Execution Successful ---
```
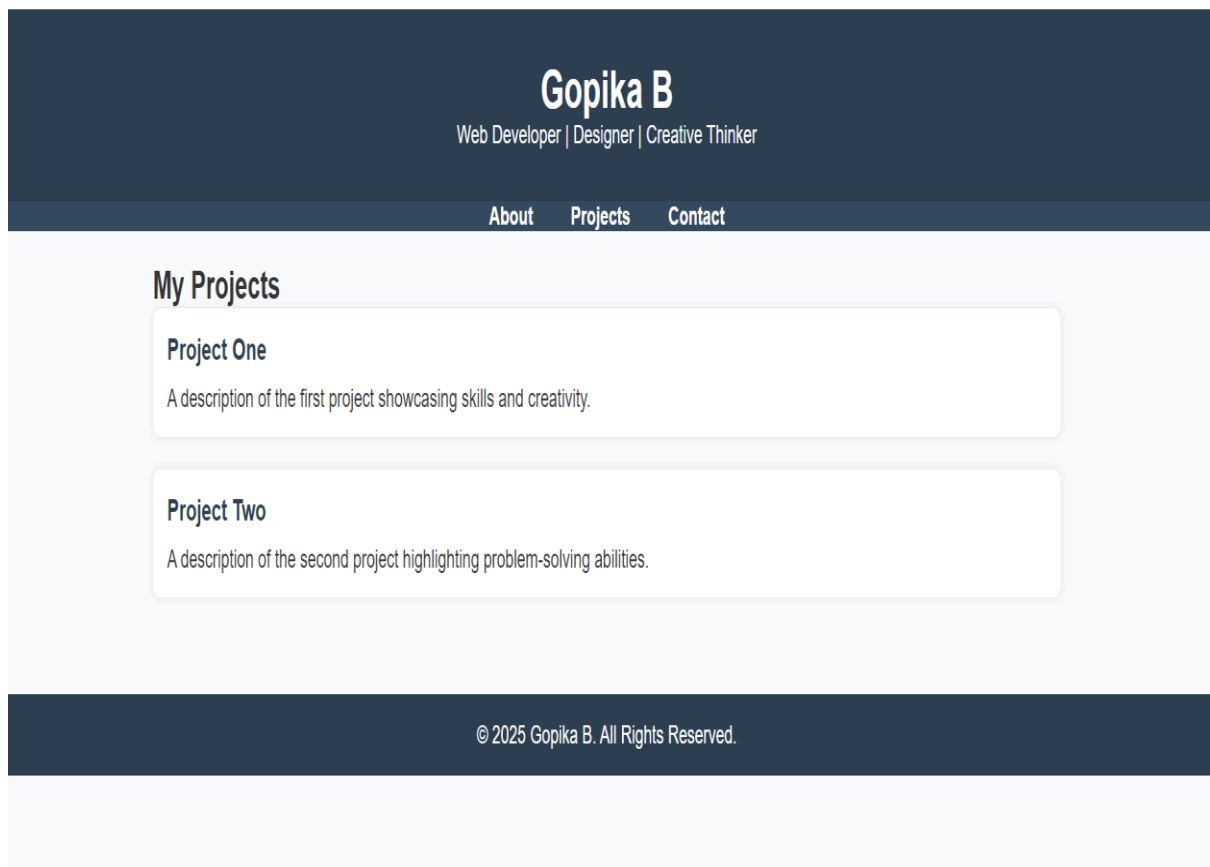
2.

Output

	1	2	3
1	1	0.5	0.33
2	2	1	0.67
3	3	1.5	1

```
=== Code Execution Successful ===
```

3.

Gopika B
Web Developer | Designer | Creative Thinker

About   Projects   Contact

My Projects

Project One

A description of the first project showcasing skills and creativity.

Project Two

A description of the second project highlighting problem-solving abilities.

4.

```php
$animal = "antelope";
$animal_heads = 1;
$animal_legs = 4;

echo "The $animal has $animal_heads head(s).";
echo "The $animal has $animal_legs leg(s).";



=== Code Execution Successful ===
```

5.

Purchase Cost Calculator

Item 1:

Price: [＿＿＿＿＿＿＿＿＿＿＿] Quantity: [＿＿＿＿＿＿＿＿＿＿＿ ⬍]

Item 2:

Price: [＿＿＿＿＿＿＿＿＿＿＿] Quantity: [＿＿＿＿＿＿＿＿＿＿＿]

Item 3:

Price: [＿＿＿＿＿＿＿＿＿＿＿] Quantity: [＿＿＿＿＿＿＿＿＿＿＿]

[Calculate]

Calculation Results:"; echo "Subtotal: ₹" . number_format($subtotal, 2) . "
"; echo "Tax (10%): ₹" . number_format($tax, 2) . "
"; echo "Total Cost: ₹" . number_format($total, 2) . "
"; } ?>

6.

Pass Data Between Pages (Single File Demo)

Enter Name: [＿＿＿＿＿＿＿＿＿＿] [Submit via POST]

Data via GET Method:

Name from GET: lak

Data via SESSION Method:

Name from SESSION: lak

7.

gopika

Name: [   ] Submit

Hello, Welcome to Everyone!"; echo "Have a nice day!!"; } else { echo "

8.

Soft Drink Price Comparison

Drink A: ₹25 for size 11

Drink B: ₹23 for size 9

[Compare]

10.

Enter Students' Marks

Number of Students: [   ] [Set Students]
"; echo ""; for ($i = 1; $i <= $total; $i++) { echo "Marks of Student $i: [   ]
"; } echo " [Check Grades] "; echo ""; } // Step 2: Process marks and display grades if (isset($_POST['check'])) { $marks = $_POST['marks']; $total = $_POST['total']; echo "

Grades:

"; for ($i = 0; $i < $total; $i++) { $mark = $marks[$i]; if ($mark >= 90) { $grade = "A+"; } elseif ($mark >= 80) { $grade = "A"; } elseif ($mark >= 70) { $grade = "B"; } elseif ($mark >= 60) { $grade = "C"; } elseif ($mark >= 50) { $grade = "D"; } else { $grade = "F"; } echo "Student " . ($i+1) . ": Marks = $mark, Grade = $grade
"; } } ?>

11.

Days of the Week Finder

Enter a number (1 to 7): [   ] Show Day

12.

Check Student Grade

Enter Marks (%): [   ] Check Grade

13.

```
sub is 34

=== Code Execution Successful ===
```

14.

Contact Us

Name: [   ]

Email: [   ]

Message:
[   ]
[   ]
[   ]

[Send]

Thank you for contacting us!"; echo "Dear **$name**, we have received your message.
"; echo "A confirmation has been sent to **$email**."; } ?>

15.

Sum of Digits Calculator

Enter a number: [   ] [Find Sum]

16.

Sum Calculator

Enter First Number: [   ]

Enter Second Number: [   ]

[Find Sum]

The sum of $num1 and $num2 is: $sum"; } ?>

17.

Bank Transaction System

Customer Name: [_____]

Current Balance: [_____]

Transaction Type: [Deposit ▾]

Amount: [_____]

[Submit Transaction]

Deposit Successful"; echo "Hello **$name**, your new balance is ₹$balance."; } elseif ($transaction == "withdraw") { // Using nested if if ($amount <= $balance) { $balance -= $amount; echo "

Withdrawal Successful

"; echo "Hello **$name**, your new balance is ₹$balance."; } else { echo "

Insufficient Balance!

"; echo "Hello **$name**, you cannot withdraw ₹$amount. Your current balance is ₹$balance."; } } else { echo "Invalid transaction type."; } } ?>

18.

```
✅ Name is set and not NULL.<br>✅ Age is set and not NULL.<br>❌ City
    not set.<br>✅ Both name and age are set.<br>


=== Code Execution Successful ===
```

19.

Find Highest and Lowest Numbers

Enter numbers separated by commas:

[e.g. 10, 25, 3, 45, 8]

[Find Values]

Results:"; echo "Numbers: " . implode(", ", $numbers) . "
"; echo "Highest Value: **$highest**
"; echo "Lowest Value: **$lowest**"; } ?>

20.

Contact Us

Form submitted successfully!"; echo "Name: **$name**
"; echo "Email: **$email**
"; echo "Message: **$message**
"; } } ?>
Name: `<?php echo $name; ?>`

Email: `<?php echo $email; ?>`

Message:
```
<?php echo $message; ?>
```

Submit

21.

Leap Year Checker

Enter a Year: [   ] Check
$year is a Leap Year ✅ "; } else { echo "

$year is NOT a Leap Year ❌

"; } } ?>

22.

"PHP is a popular scripting language. PHP can be used for web development. PHP is powerful."

```
The word 'PHP' occurs 3 times in the given string.

=== Code Execution Successful ===
```

23.

Search (Using GET)

Search: [   ] [Search]
$search (shown in URL)"; } ?>

Login (Using POST)

Username: [   ]

Password: [   ]

[Login]
$username (password is hidden from URL)"; } ?>

24.

Trimmed String: 'Hello World! PHP is Awesome.'
Length: 32
Word
   Count: 5
Reversed: .emosewA si PHP !dlroW olleH
Uppercase
   :   HELLO WORLD! PHP IS AWESOME.
Lowercase: hello world! php
   is awesome.
Replace 'PHP' with 'Java':   Hello World! Java is
   Awesome.
Substring (0, 5):   Hel
Position of 'PHP': 15
Repeated String: Hi! Hi! Hi!
Shuffled: e o r. ! WHsl s
   HoeodiePlAlPmw
Add Slashes: Hello World! PHP is Awesome.
Without HTML Tags: Hello World
Compare 'Hello' and 'hello': -32

=== Code Execution Successful ===

25.

Original: The Thing will come to you soon
Modified: best Thing will
   come to you soon

=== Code Execution Successful ===

26.

<h3>Mathematical Operators in PHP</h3>Addition ($a + $b) = 19
Subtraction ($a - $b) = 11
Multiplication ($a * $b) = 60
Division ($a / $b) = 3.75
Modulus ($a % $b) = 3
Exponentiation ($a ** $b) = 50625

=== Code Execution Successful ===

27.

```
<h3>Using var_dump() to Check Equality</h3>$a == $b : bool(true)
<br>$a === $b : bool(false)
<br>$a == $c : bool(false)
<br>($a == $b && $b == $c) : bool(false)


=== Code Execution Successful ===
```

28.

```
<h3>PHP Functions Example</h3>Random number between 1 and 100: 52<br
    >Absolute value of -25: 25<br>Replacing 'apples' with 'mangoes': I
    love mangoes<br>Value of Pi: 3.1415926535898<br>Ceil of 4.2: 5<br>

=== Code Execution Successful ===
```

29.

```
<h3>PHP Functions Example</h3>Random number between 1 and 100: 52<br
    >Absolute value of -25: 25<br>Replacing 'apples' with 'mangoes': I
    love mangoes<br>Value of Pi: 3.1415926535898<br>Ceil of 4.2: 5<br>

=== Code Execution Successful ===
```

30.

```
<h3>Random Password Generator</h3>Generated Password: <b>K!Ch0CcEP!p6
    </b>


=== Code Execution Successful ===
```