



Question 1

Pdf:

PGM-1-2

Write a Php script to check whether a given number is Armstrong or not.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Armstrong Number</title>
</head>
<body>
  <form method="post">
    <table border="1">
      <tr>
        <td>Enter Number:</td>
        <td><input type="number" name="number"></td>
      </tr>
      <tr>
        <td></td>
        <td>
          <input type="submit" value="Submit" name="Submit">
        </td>
      </tr>
    </table>
  </form>
  <?php
    if (isset($_POST['number'])) {
      $a = $_POST['number'];
```

```

$number = $a;
$sum = 0;

while ($number != 0) {
    $r = $number % 10;
    $sum = $sum + pow($r, strlen($a));
    $number = $number / 10; //if not working, try (int)($number / 10);
}

if ($a == $sum) {
    echo "$a is an Armstrong Number";
} else {
    echo "$a is not an Armstrong Number";
}
}
?>
</table>
</form>
</body>
</html>

```

Output:

153 is an Armstrong Number

Enter Number:	<input type="text"/>
<input type="text"/>	<input type="button" value="Submit"/>

201 is not an Armstrong Number

Enter Number:	<input type="text"/>
<input type="text"/>	<input type="button" value="Submit"/>