Task 1: Personal Information:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Personal Information</title>
</head>
<body>

<?php

$name = "Al Mamon";
$age = 23;
$country = "Bangladesh";
$introduction = "Hello, I'm Al Mamon. I'm 23 years old and I live in Bangladesh";


echo "<h1>Personal Information</h1>";
echo "<p><strong>Name:</strong> $name</p>";
echo "<p><strong>Age:</strong> $age</p>";
echo "<p><strong>Country:</strong> $country</p>";
echo "<p><strong>Introduction:</strong> $introduction</p>";
?>

</body>
</html>
```

Task 2: Temperature Converter:
Code:
```
<!DOCTYPE html>
<html lang="en">


<head>
    <meta charset="UTF-8">
```

```html
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Comparison</title>
<style>
    <?php include 'style.css' ?>
</style>
</head>


<body>



    <div class="container">



        <h1>Temparature converter</h1>
        <form method="POST" action="">
            <input type="number" name="temperature" placeholder="Enter the temperature"
required><br>
            <br>
            <button type="submit">Submit</button>
        </form>
        <br>
        <?php



    if ($_SERVER["REQUEST_METHOD"] == "POST") {



        if (isset($_POST["temperature"])) {
            $celsius = $_POST["temperature"];
            $fahrenheit = ($celsius * 9 / 5) + 32;
            echo $celsius . " degrees Celsius is " . $fahrenheit . " degrees Fahrenheit.";
        }
    }
    ?>
    </div>
</body>
```

```
</html>
```

Task 3: Grade Calculator:

```html
<!DOCTYPE html>
<html lang="en">


<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>CGPA</title>
    <style>
        <?php include 'style.css' ?>
    </style>
</head>


<body>
    <div class="container">
        <h2>GPA Calculation</h2>
        <form method="POST" action="">
            <input type="number" name="number" class="form-control" placeholder="Enter
the number" required>
            <button type="submit">Generate</button>
        </form>
        <br>


        <div id="">
            <?php
            if ($_SERVER['REQUEST_METHOD'] == 'POST') {
                $number = $_POST['number'];
                if ($number >= 80) {
                    echo "<h3>Grade: A+</h3>";
                } else if ($number >= 70) {
                    echo "<h3>Grade: A</h3>";
                } else if ($number >= 60) {
                    echo "<h3>Grade: A-</h3>";
```

```php
        } else if ($number >= 50) {
            echo "<h3>Grade: B</h3>";
        } else if ($number >= 40) {
            echo "<h3>Grade: C</h3>";
        } else if ($number >= 33) {
            echo "<h3>Grade: D</h3>";
        } else {
            echo "<h3>Grade: F</h3>";
        }
    }
    ?>


    </div>
  </div>


</body>


</html>
```

Task 4: Even or Odd Checker

```html
<!DOCTYPE html>
<html lang="en">


<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Comparison</title>
  <style>
    <?php include 'style.css' ?>
  </style>
</head>
```

```html
<body>

    <div class="container">

        <h1>Even or odd number checker</h1>
        <form method="POST" action="">
            <input type="number" name="num1" placeholder="Enter the First number" required><br>
            <br>
            <button type="submit">Submit</button>
        </form>
        <br>
        <?php


        if ($_SERVER["REQUEST_METHOD"] == "POST") {


            $num1 = $_POST["num1"];
            if ($num1 % 2 == 0) {
                echo  $num1 .  " Even Number";
            } else {
                echo  $num1 .  " Odd Number";
            }
        }
        ?>
    </div>
</body>


</html>
```

Task 5: Weather Report
```html
<!DOCTYPE html>
<html lang="en">
```

```php
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <style>
        <?php include 'style.css' ?>
    </style>


</head>


<body>
    <div class="container">
        <h2>Weather report generate</h2>
        <form method="POST" action="">
            <input type="number" name="temp" placeholder="Enter the temparature"
required><br>
            <br>
            <button type="submit">Submit</button>
        </form>
        <br>
        <div>
            <?php
            if ($_SERVER['REQUEST_METHOD'] == 'POST') {


                if (isset($_POST["temp"]) && is_numeric($_POST["temp"])) {
                    $temp = floatval($_POST["temp"]);


                    if ($temp >= 30) {
                        echo "HOT";
                    } elseif ($temp >= 20 && $temp < 30) {
                        echo "WARM";
                    } elseif ($temp >= 10 && $temp < 20) {
                        echo "COOL";
                    } else {
                        echo "COLD";
```

```
            }
        } else {
            echo "Invalid input. Please enter a valid number.";
        }
    }
    ?>


    </div>
  </div>
</body>


</html>
```

Task 6: Comparison Tool

```
<!DOCTYPE html>
<html lang="en">


<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Comparison</title>
  <style>
  <?php include 'style.css'?>
  </style>
</head>


<body>


  <div class="container">


    <h1>Comparison Tool</h1>
```

```html
    <form method="POST" action="">
        <input type="number" name="num1" placeholder="Enter the First number"
required><br>
        <input type="number" name="num2" placeholder="Enter the Last namber"
required><br>


        <br>
        <button type="submit">Submit</button>
    </form>
    <br>
    <?php


    if ($_SERVER["REQUEST_METHOD"] == "POST") {


        $num1 = $_POST["num1"];
        $num2 = $_POST["num2"];
        $result = ($num1 > $num2) ? $num1 : $num2;
        echo "<p>The larger number is: $result</p>";
    }
    ?>
  </div>
</body>


</html>
```

Task 7: Simple Calculator

```html
<!DOCTYPE html>
<html lang="en">


<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Basic Calculator</title>
   <style>
```

```css
body {
    font-family: Arial, sans-serif;
    text-align: center;
}


.container {
    margin: 50px auto;
    width: 300px;
    border: 1px solid #ccc;
    padding: 20px;
    border-radius: 5px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.2);
}


input[type="number"],
select {
    width: 100%;
    padding: 8px;
    margin-bottom: 10px;
    border: 1px solid #ccc;
    border-radius: 3px;
}


button {
    background-color: #007BFF;
    color: white;
    border: none;
    padding: 10px 20px;
    border-radius: 3px;
    cursor: pointer;
}


#result {
    margin-top: 20px;
    font-size: 18px;
}
```

```html
        </style>
</head>


<body>
    <div class="container">
        <h2>Basic Calculator</h2>
        <form method="post" action="">
            <input type="number" name="num1" placeholder="Enter first number"
required><br>
            <input type="number" name="num2" placeholder="Enter second number"
required><br>
            <select name="operation">
                <option value="add">Addition</option>
                <option value="subtract">Subtraction</option>
                <option value="multiply">Multiplication</option>
                <option value="divide">Division</option>
            </select><br>
            <button type="submit">Calculate</button>
        </form>
        <div id="result">
            <?php
            if ($_SERVER["REQUEST_METHOD"] == "POST") {
                $num1 = $_POST["num1"];
                $num2 = $_POST["num2"];
                $operation = $_POST["operation"];


                switch ($operation) {
                    case "add":
                        $result = $num1 + $num2;
                        echo "Result: $result";
                        break;
                    case "subtract":
                        $result = $num1 - $num2;
                        echo "Result: $result";
                        break;
                    case "multiply":
                        $result = $num1 * $num2;
                        echo "Result: $result";
```

```php
                break;
            case "divide":
                if ($num2 != 0) {
                    $result = $num1 / $num2;
                    echo "Result: $result";
                } else {
                    echo "Cannot divide by zero.";
                }
                break;
        }
    }


    ?>
    </div>
    </div>
</body>


</html>
```