```php
<!DOCTYPE HTML>
<html>
<head>
<style>
.error {color: #FF0000;}
</style>
</head>
<body>

<?php
// define variables and set to empty values
$nameErr = $emailErr = $genderErr = $dateofbirthErr = "";
$name = $email = $gender = $bloodgroup = $dateofbirth = "";

if ($_SERVER["REQUEST_METHOD"] == "POST") {
  if (empty($_POST["name"])) {
    $nameErr = "Name is required";
  } else {
    $name = $_POST["name"];
    // check if name only contains letters and whitespace
    if (!preg_match("/^[a-zA-Z-' ]*$/",$name)) {
      $nameErr = "Only letters and white space allowed";
    }
  }

  if (empty($_POST["email"])) {
    $emailErr = "Email is required";
  } else {
    $email = $_POST["email"];
    // check if e-mail address is well-formed
    if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
      $emailErr = "Invalid email format";
    }
  }

  if (empty($_POST["dateofbirth"])) {
    $dateofbirthErr = "dateofbirth is required";
  } else {
    $dateofbirth = $_POST["dateofbirth"];
  }


  if (empty($_POST["bloodgroup"])) {
    $bloodgroupErr = "Bloodgroup is required";
  } else {
    $bloodgroup = $_POST["bloodgroup"];
  }

  if (empty($_POST["gender"])) {
    $genderErr = "Gender is required";
  } else {
    $gender = $_POST["gender"];
  }
}


?>
```

```html
<h2>PHP Form Validation</h2>
<p><span class="error">* required field</span></p>
<form method="post" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>">
 Name: <input type="text" name="name" value="<?php echo $name;?>">
 <span class="error">* <?php echo $nameErr;?></span>
 <br><br>
 E-mail: <input type="text" name="email" value="<?php echo $email;?>">
 <span class="error">* <?php echo $emailErr;?></span>
 <br><br>
 Date of Birth: <input type="date" name="date of birth" value="<?php echo $dateofbirth;?>">
 <span class="error"><?php echo $dateofbirthErr;?></span>
 <br><br>
 Blood group: <input type="Select" name="bloodgroup" value="<?php echo $bloodgroup;?>">
 <span class="error"><?php echo $bloodgroup;?></span>
 <br><br>
 Gender:
 <input type="radio" name="gender" <?php if (isset($gender) && $gender=="female") echo
"checked";?> value="female">Female
 <input type="radio" name="gender" <?php if (isset($gender) && $gender=="male") echo
"checked";?> value="male">Male
 <input type="radio" name="gender" <?php if (isset($gender) && $gender=="other") echo
"checked";?> value="other">Other
 <span class="error">* <?php echo $genderErr;?></span>
 <br><br>
 <input type="submit" name="submit" value="Submit">
</form>

<?php
echo "<h2>Your Input:</h2>";
echo $name;
echo "<br>";
echo $email;
echo "<br>";
echo $dateofbirth;
echo "<br>";
echo $bloodgroup;
echo "<br>";
echo $gender;
?>

</body>
</html>
```

PHP Form Validation

* required field

Name: [Tanvir] *

E-mail: [abi@ase.com] *

Date of Birth: [mm/dd/yyyy 🔲] dateofbirth is required

Blood group: [a+] a+

Gender: ○ Female ⦿ Male ○ Other *

[Submit]

Your Input:

Tanvir
abi@ase.com

a+
male

localhost/WT/Form Validate.php ×   +

← C   ⓘ localhost/WT/Form%20Validate.php

M Gmail ▶ YouTube 🗋 Maps 🗋 New Tab

PHP Form Validation

* required field

Name: [Tanvir] *

E-mail: [abi@ase.com] *

Date of Birth: [mm/dd/yyyy 🔲] dateofbirth is required