

## Problem 1

```
<?php
class ContinuousAssessment
{
    public $maxCA = 30;
    public $ca1 = 27;
    public $ca2 = 28;
}
```



[class-file.php](#)

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[main-file.php](#)

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```

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

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>

<body>
  <?php
    include 'class-file.php';
    class FinalExam extends ContinuousAssessment
    {
      public $finalPaper, $maxFinal = 100;

      function __construct($marks)
      {
        $this->finalPaper = $marks;
      }

      function __construct($marks)
      {
        $this->finalPaper = $marks;
      }

      function totalMarks()
      {
        $this->grandTotal = $this->ca1 + $this->ca2 + $this->finalPaper;
        echo "Marks obtained are $this->grandTotal <br>";
        $marksGivenFrom = $this->maxCA + $this->maxCA + $this->maxFinal;
        echo "Total Marks are $marksGivenFrom <br>";
      }
    }

    $kiranpal = new FinalExam(98);
    $kiranpal->totalMarks();
  ?>
</body>
</html>

```

Marks obtained are 153

Total Marks are 160

## Problem 2

```
<!DOCTYPE HTML>
<html>

<body>
    <form action="land-2.php" method="post">
        <label for="age">User's Age:</label><br>
        <input type="number" id="age" name="age" value=""><br>
        <input type="submit" value="Submit">
    </form>
</body>

</html>
```

```
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>

<body>
    <?php
        $int = $_POST["age"];

        $low = 26;
        $high = 56;

        if (filter_var($int, FILTER_VALIDATE_INT, array("options" => array("min_range" =>
        $low, "max_range" => $high))) === false) {
            echo ("Age is not valid :(");
        } else {
            echo ("Age is valid :)");
        }
    <?>
</body>
```

User's Age:

Age is not valid :(

User's Age:

Age is valid :)

## Problem 3

```
<!DOCTYPE html>
<html>

<body>
  <h1>Student Documents Checkup</h1>
  <form action="form-land.php" method="post" enctype="multipart/form-data">
    <label for="name">Name:</label><br>
    <input type="text" id="name" name="name" value=""><br>
    <label for="email">Email:</label><br>
    <input type="text" id="email" name="email" value=""><br>
    <label for="phone">Phone:</label><br>
    <input type="number" id="phone" name="phone" value=""><br><br>
    <label for="fileToUpload">Upload your documents here : </label><br>
    <input type="file" name="fileToUpload" id="fileToUpload"><br><br>
    <input type="submit" value="Submit" name="submit">
  </form>
</body>

</html>
```

Sorry, file already exists.  
Sorry, your documents was not uploaded.

## Student Documents Checkup

Name:


Email:


Phone:

Upload your documents here :

 Scaler.pdf

▼ documents

 big-bird.png

 Scaler.pdf

```
// We are allowing only pdf and png file formats
if (
    $imageFileType != "pdf" && $imageFileType != "png"
) {
    echo "Sorry, only PDF and PNG files are supported. <br>";
    $uploadOk = 0;
}

if ($uploadOk == 0) {
    echo "Sorry, your documents was not uploaded. <br>";
} else {
    if (move_uploaded_file($_FILES["fileToUpload"]["tmp_name"], $target_file)) {
        echo "The file " . htmlspecialchars(basename($_FILES["fileToUpload"]["name"])) . " has
        been uploaded. <br>";
    } else {
        echo "Sorry, there was an error uploading your documents. <br>";
    }
}
}
```

```
<?php
$target_dir = "documents/";
$target_file = $target_dir . basename($_FILES["fileToUpload"]["name"]);
$uploadOk = 1;
$imageFileType = strtolower(pathinfo($target_file, PATHINFO_EXTENSION));

// When student clicks on submit button.
if (isset($_POST["submit"])) {
    $check = getimagesize($_FILES["fileToUpload"]["tmp_name"]);
    if ($check !== false) {
        echo "File is an image - " . $check["mime"] . ". <br>";
        $uploadOk = 1;
    } else {
        echo "File is not an image. <br>";
    }
}

// If file is already present in documents directory.
if (file_exists($target_file)) {
    echo "Sorry, file already exists. <br>";
    $uploadOk = 0;
}
}
```