

# Assignment 4

Validate URL, Email, Required using Functions

Such as `empty()`, `preg_match()`, `filter_var()` in PHP.

# Application.php

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

<head>
  <meta charset="utf-8">
  <title>Manokamana Finances/Apply</title>
  <link rel="stylesheet" type="text/css" href="CSS/
styles.css">
  <link rel="icon" type="image/x-icon" href="favicon.ico">
  <link href="https://fonts.googleapis.com/css2?
family=Kaushan+Script&family=Montserrat:wght@100&family=Open+
Sans:wght@300&display=swap" rel="stylesheet">
</head>

<body>

  <div class="top-container">
    <nav>
      <ul>
        <li><a href="index.html">Manokamana Finances</li>
        <li><a href="application.php">Apply Now</a></li>
        <li>
          <div class="dropdown">
            <button class="dropbtn">Loans</button>
            <div class="dropdown-content">
              <a href="index.html#personal">Personal Loan</a>
              <a href="index.html#senior-citizen">Senior
Citizen Loan</a>
              <a href="index.html#gold">Gold Loan</a>
              <a href="index.html#housing">Housing Loan</a>
              <a href="index.html#student">Student Loan</a>
              <a href="index.html#car">Car Loan</a>
            </div>
          </div>
        </li>
        <li><a href="tutorial.html">Tutorial</a></li>
        <li><a href="index.html#contactus">Contact Us</a></
li>
      </ul>
    </nav>
  </div>

  <div class="formstyle">
    <?php include('test_form.php')?>
    <h2>Application Form</h2>
```

```

        <p><span style="color: red">* required field.</span></p>
        <form method = "post" action = "<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>">
            <label for="fname">Name:</label><br />
            <input type="text" name="name" placeholder="Your
name..">
            <span style="color: red"><?php echo $nameErr;?></
span><br />

            <label for="email">Email ID:</label><br />
            <input type="text" name="email" placeholder="Your email
id..">
            <span style="color: red"><?php echo $emailErr;?></
span><br />

            <label for="phno">Mobile No:</label><br />
            <input type="text" name="phno" placeholder="Your mobile
no..">
            <span style="color: red"><?php echo $phnoErr;?></
span><br />

            <label for="pincode">Enter Pin Code:</label><br>
            <input type="text" name="pincode" placeholder="Your
zipcode..">
            <span style="color: red"><?php echo $pinErr;?></
span><br />

            <label for="occupation">Occupation:</label><br>
            <select name="occupation">
                <option value=0>Select Occupation..</option>
                <option value=1>Self-Employed</option>
                <option value=2>Employed</option>
                <option value=3>Buisness</option>
                <option value=4>Student</option>
                <option value=5>Other</option>
            </select>
            <span style="color: red"><?php echo $occErr;?></
span><br />

            <label for="loan-type">Occupation:</label><br>
            <select name="loan-type">
                <option value=0>Select Type of Loan..</option>
                <option value=1>Personal Loan</option>
                <option value=2>Senior-Citizen Loan</option>
                <option value=3>Gold Loan</option>
                <option value=4>Housing Loan</option>
                <option value=5>Student Loan</option>
                <option value=6>Car Loan</option>

```

```
        </select>
        <span style="color: red"><?php echo $loanErr;?></
span><br />

        <label for="income">Income:</label><br>
        <input type="text" name="income" placeholder="Your
income..">
        <span style="color: red"><?php echo $incErr;?></
span><br />

        <input type="submit" value="Apply Now">
        <input type="reset" value="Reset">
    </form>
</div>

</body>
</html>
```

## Styles.css

```
h1 {  
  
    text-align: center;  
    font-size: 500%;  
    font-style: oblique;  
    margin-top: -10px;  
    margin-bottom: -30px;  
    color: #DF3A01;  
}  
  
h4 {  
  
    text-align: center;  
    width: 60%;  
    font-style: italic;  
    color: #FE642E;  
}  
  
.topnav {  
  
    overflow: hidden;  
    background-color: #2C3E50;  
}  
  
.topnav a {  
  
    color: #E6B0AA;  
    float: left;  
    font-size: 17px;  
    text-align: center;  
    padding: 20px;  
    text-decoration: none;  
}  
  
.dropdown {  
  
    float: left;  
    overflow: hidden;  
}  
  
.dropdown .dropbtn {  
  
    font-size: 17px;  
    border: none;  
    outline: none;  
    color: #E6B0AA;
```

```
padding: 20px;
background-color: #2C3E50;
font-family: inherit;
margin: 0;
}

.topnav a:hover, .dropdown:hover .dropbtn {

    background-color: #EADED;
    color: red;
}

.dropdown-content {

    display: none;
    position: absolute;
    background-color: #2C3E50;
    z-index: 1;
}

.dropdown-content a {

    float: none;
    color: #E6B0AA;
    padding: 12px 16px;
    text-decoration: none;
    display: block;
    text-align: left;
}

.dropdown-content a:hover {

    background-color: #EADED;
    color: red;
}

.topnav a.active {

    background-color: green;
    color: white;
}

.dropdown:hover .dropdown-content {

    display: block;
}

a {
```

```
    text-decoration: none;
}

a:hover {

    color: blue;
}

.imgstyle {

    width: 32%;
    padding: 10px 10px;
    text-align: center;
    float: left;
    font-size: 18pt;
}

.container {
    position: relative;
}

.container .content {

    width: 100%;
    position: absolute;
    top: 0;
    background: rgb(0, 0, 0); /* Fallback color */
    background: rgba(0, 0, 0, 0.5); /* Black background with
0.5 opacity */
    color: #ffe05d;
    padding: 10px;
    height: 100%;
}

.formstyle {

    float: right;
    font-size: 16pt;
    text-align: left;
    width: 50%;
    color: #ff9642;
}

::placeholder {
    color: orange;
    opacity: 1;
}
```

```
input[type=text], [type=email], select {
```

```
    width: 60%;  
    background-color: transparent;  
    padding: 12px 20px;  
    margin: 8px 0;  
    display: inline-block;  
    border: 1px solid #ccc;  
    border-radius: 4px;  
    box-sizing: border-box;  
    color: orange;  
}
```

```
input[type=submit], [type=reset] {
```

```
    width: 25%;  
    background-color: #4CAF50;  
    color: white;  
    padding: 14px 20px;  
    margin: 8px 0;  
    border: none;  
    border-radius: 4px;  
    cursor: pointer;  
}
```

```
input[type=submit]:hover, [type=reset]:hover {
```

```
    background-color: #81DAF5;  
}
```

## test\_form.php

```
<?php
// define variables and set to empty values
$fnameErr = $lnameErr = $emailErr = $phnoErr = $pinErr =
$occErr = $incErr = "";
$fname = $lname = $email = $phno = $pincode = $occupation =
$income = "";

if($_SERVER["REQUEST_METHOD"] == "POST") {
    if (empty($_POST["fname"])) {
        $fnameErr = "First Name is required";
    }
    else {
        $fname = test_input($_POST["fname"]);
        if (!preg_match("/^[a-zA-Z-' ]*$/", $fname)) {
            $fnameErr = "Only letters and white space allowed";
        }
    }

    if(empty($_POST["lname"])) {
        $lnameErr = "Last Name is required";
    }
    else {
        $lname = test_input($_POST["lname"]);
        if (!preg_match("/^[a-zA-Z-' ]*$/", $lname)) {
            $lnameErr = "Only letters and white space allowed";
        }
    }

    if(empty($_POST["email"])) {
        $emailErr = "Email is required";
    }
    else {
        $email = test_input($_POST["email"]);

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

    if(empty($_POST["phno"])) {
        $phnoErr = "Phone Number is required";
    }
    else {
        $phno = test_input($_POST["phno"]);
    }
}
```

```

        if(!(preg_match('/^\+[0-9]{1,2}-[7-9]{2}[0-9]{8}$/',
$phno))) {
            $phnoErr = "Invalid Mobile Number";
        }
    }

    if(empty($_POST["pincode"])) {
        $pinErr = "Zipcode is required";
    }
    else {
        $pincode = test_input($_POST["pincode"]);

        if(!(is_numeric($pincode) && strlen($pincode)==6)) {
            $pinErr = "Invalid Zipcode";
        }
    }

    if($_POST["occupation"]==0) {
        $occErr = "Occupation is required";
    }
}

if(empty($_POST["income"])) {
    $incErr = "Income is required";
}
else {
    $income = test_input($_POST["income"]);

    if(!(is_numeric($income))) {
        $incErr = "Invalid Income";
    }
}

function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
?>

```

localhost/Assignment4/SeniorCitizenLoanpage.php


20-21 SL-III Problem Statement - Google Sheets33256\_Financing\_Website\_SomeshwarGaikwad - Google DriveSenior Citizen Loan Page

# Manokamunda Finances


Fulfil your wishes...

[Home](#)[Loans](#)[Contact Us](#)[Tutorial](#)

In these times of high inflation, higher medical costs, and grandiose lifestyles, there are many senior citizens who are in need of loans to fulfill some of their requirements: for example, a temporary medical emergency where insurance may not be enough, or buying of property where the borrower needs partial or full funding. We are offering loan for senior citizens at very low rates.




## Application Form




Required field.


First Name:



Last Name:



Email ID:



Mobile No:

Invalid Mobile Number

Enter Pin Code:

Occupation:

Income:

Income is required

localhost/Assignment4/SeniorCitizenLoanpage.php


20-21 SL-III Problem Statement - Google Sheets33256\_Financing\_Website\_SomeshwarGaikwad - Google DriveSenior Citizen Loan Page

# Manokamana Finances


Fulfil your wishes...

[Home](#)[Loans](#)[Contact Us](#)[Tutorial](#)

In these times of high inflation, higher medical costs, and grandiose lifestyles, there are many senior citizens who are in need of loans to fulfill some of their requirements: for example, a temporary medical emergency where insurance may not be enough, or buying of property where the borrower needs partial or full funding. We are offering loan for senior citizens at very low rates.




## Application Form




**Address field:**


First Name:



Last Name:



Email ID:



Mobile No:

Invalid Mobile Number

Enter Pin Code:

Occupation:

Select Occupation

Occupation is required

Income:

Apply Now

Reset