

Aim:

To Write a PHP program that connects to the database using JDBC.

Program:

```
<?php
$name=$mail=$phone="";
$nameError=$mailError=$phoneError="";

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

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    if (empty($_POST["name"])) {
        $nameError = "Username is required";
    } else {
        $name = test_input($_POST["name"]);

        if (!preg_match("/^[a-zA-Z ]*$/",$name)) {
            $nameError = "Only alphabets are allowed for Username";
        }

    }

    if(empty($_POST["phone"])){
        $phoneError="Phone number is required";
    }
    else{
        $phone=test_input($_POST["phone"]);
        if(!is_numeric($phone)){
            $phoneError="Invalid phone number";
        }
    }

    if (empty($_POST["email"])) {
        $mailError = "Email is required";
    } else {
        $email = test_input($_POST["email"]);
        if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
            $mailError = "Invalid email format";
        }
    }
    if(!($nameError == "" && $mailError == "" && $phoneError == "")){
```

```

echo "Not inserted";
}

}
?>
<?php
if($nameError == "" && $mailError == "" && $phoneError == ""){

$ser="localhost";
$user="root";
$pw="";
$db="test";
$conn=new mysqli($ser,$user,$pw,$db);

$sql="insert into user111 values('$name','$email','$phone')";
if($conn->query($sql)===True){
echo "value inserted";
}
else{
echo "value not inserted";
}
}
}
?>
<form method="post" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>">
    Name:<input type="text" name="name">
    <span class="error">*<?php echo $nameError; ?></span>
    <br>
    <br>
    Email:<input type="text" name="email">
    <span class="error">*<?php echo $mailError; ?></span>
    <br>
    <br>
    Phone No.<input type="text" name="phone">
    <span class="error">*<?php echo $phoneError; ?></span>
    <br>
    <br>
    <input type="submit">
</form>

```

Output:

Not inserted

Name: *Only alphabets are allowed for Username

Email: *Invalid email format

Phone No. *Invalid phone number

value inserted

Name: *

Email: *

Phone No. *

value inserted

Name: *

Email: *

Phone No. *

value inserted

Name: *

Email: *

Phone No. *

name	email	phone_no
kathir	kathierk@gmail.com	6996455446
jordan	jordankumar69@gmail.com	9873216549
andrew	andrewtate49@gmail.com	6549823480
jash	jaswanthlal110@gmail.com	9865473280
hariharanrk	rkhari69@gmail.com	9786534987

Observation(20)	
Record(5)	
Total(25)	
Initial	

Result:

Thus,the program to connect with mysql database by using php is written,executed and the output is verified.