

## Practical 1

Q1) In an online shopping website, Guest user gets a 15% discount on all their purchases today. For an existing customer no discount is given. If the user has a gift card, they get 20% off today (but it can't be used with the 'guest' discount). Display appropriate messages on the final discount %

Perform the following

1. Write a html code and save in xampp/htdocs/prac1.html
2. Write a php code save in xampp/htdocs/prac1.php

### **HTML Code:**

```
<html>
```

```
<head>
```

```
<title>
```

Testing Practical - 1

```
</title>
```

```
<body>
```

```
<form action="prac1.php" method="POST">
```

Enter the type of User :

```
<select name="user">
```

```
<option value="0">--Select User--</option>
```

```
<option value="1">Guest</option>
```

```
<option value="2">Customer</option>
```

```
</select>
```

```
<br>
```

```
<br>
```

Do you have Gift Card ?

```
<select name="gift">
```

```
<option value="0">--Select--</option>
<option value="1">Yes</option>
<option value="2">No</option>
</select>
<br>
<br>
<input type = "submit" value="Submit Form">
</form>
</body>
</html>
```

## **PHP Code**

```
<?php
$user=$_POST["user"];
$gift=$_POST["gift"];
if(($user=="0")||($gift=="0"))
{
    echo "Invalid Data";
}
if($user=="1")
{
    if($gift=="1")
    {
        echo "You are eligible for 20% discount";
    }
    if($gift=="2")
    {
```

```
echo "You are eligible for 15% discount";  
}  
}  
if($user=="2")  
{  
if($gift=="1")  
{  
echo "You are eligible for 20% discount";  
}  
if($gift=="2")  
{  
echo "You are not eligible for any discount";  
}  
}  
?>
```

## Using Selenium IDE, Write a test suite containing minimum 4 test cases.

Selenium IDE - First project\*

Project: First project\*

Tests +

Search tests...

http://localhost:8080/prac1.html

	Command	Target	Value
3	click	name=user	
4	select	name=user	label=Guest
5	click	name=gift	
6	select	name=gift	label=Yes
7	click	css=input	

Command: open // [icon]

Target: http://localhost:8080/prac1.html [icon] [icon]

Value: [input type="text"]

Description: [input type="text"]

Log Reference

Running 'Test 1.1'

1. open on http://localhost:8080/prac1.html OK 08:56:06
2. setWindowSize on 900x1020 OK 08:56:07
3. click on name=user OK 08:56:07
4. select on name=user with value label=Guest OK 08:56:07
5. click on name=gift OK 08:56:07
6. select on name=gift with value label=Yes OK 08:56:07
7. click on css=input OK 08:56:07

'Test 1.1' completed successfully 08:56:08

Selenium IDE - First project\*

Project: First project\*

Tests +

Search tests...

http://localhost:8080/prac1.html

	Command	Target	Value
3	click	name=user	
4	select	name=user	label=Customer
5	click	name=gift	
6	select	name=gift	label=Yes
7	click	css=input	

Command: open // [icon]

Target: http://localhost:8080/prac1.html [icon] [icon]

Value: [input type="text"]

Description: [input type="text"]

Log Reference

Running 'Test 1.2'

1. open on http://localhost:8080/prac1.html OK 08:56:36
2. setWindowSize on 900x1020 OK 08:56:37
3. click on name=user OK 08:56:37
4. select on name=user with value label=Customer OK 08:56:37
5. click on name=gift OK 08:56:37
6. select on name=gift with value label=Yes OK 08:56:37
7. click on css=input OK 08:56:38

'Test 1.2' completed successfully 08:56:38

Selenium IDE - First project\*

Project: First project\*

Tests

Search tests...

Test 1.1\*  
Test 1.2\*  
Test 1.3\*  
Test 1.4\*

http://localhost:8080/prac1.html

	Command	Target	Value
3	click	name=user	
4	select	name=user	label=Guest
5	click	name=gift	
6	select	name=gift	label=No
7	click	css=input	

Command: open //

Target: http://localhost:8080/prac1.html

Value:

Description:

LogReference

Running 'Test 1.3'

1. open on http://localhost:8080/prac1.html OK08:57:04

2. setWindowSize on 900x1020 OK08:57:05

3. click on name=user OK08:57:05

4. select on name=user with value label=Guest OK08:57:05

5. click on name=gift OK08:57:05

6. select on name=gift with value label=No OK08:57:05

7. click on css=input OK08:57:05

Test 1.3\* completed successfully08:57:06

Selenium IDE - First project\*

Project: First project\*

Tests

Search tests...

Test 1.1\*  
Test 1.2\*  
Test 1.3\*  
Test 1.4\*

http://localhost:8080/prac1.html

	Command	Target	Value
1	open	http://localhost:8080/prac1.html	
2	set window size	900x1020	
3	click	name=user	
4	select	name=user	label=Customer
5	click	name=gift	

Command: open //

Target: http://localhost:8080/prac1.html

Value:

Description:

LogReference

Running 'Test 1.4'

1. open on http://localhost:8080/prac1.html OK08:57:29

2. setWindowSize on 900x1020 OK08:57:29

3. click on name=user OK08:57:29

4. select on name=user with value label=Customer OK08:57:30

5. click on name=gift OK08:57:30

6. select on name=gift with value label=No OK08:57:30

7. click on css=input OK08:57:30

Test 1.4\* completed successfully08:57:30

## **Q2) Create a HTML code (index.html) and PHP Code (calculator\_gcd.php) for GCD (Greatest Common Divisor)**

### **HTML Code**

```
<!DOCTYPE html>

<html>

<head>

    <title>GCD Calculator</title>

</head>

<body>

    <h1>GCD Calculator</h1>

    <form method="post" action="calculate_gcd.php">

        <label for="num1">Enter the first number:</label>

        <input type="number" name="num1" required><br>

        <label for="num2">Enter the second number:</label>

        <input type="number" name="num2" required><br>

        <input type="submit" value="Calculate GCD">

    </form>

</body>

</html>
```

### **PHP Code**

```
<!DOCTYPE html>

<html>

<head>

    <title>GCD Calculator Result</title>
```

```
</head>
```

```
<body>
```

```
<h1>GCD Calculator Result</h1>
```

```
<?php
```

```
function calculateGCD($a, $b) {
```

```
    while ($b !== 0) {
```

```
        $temp = $b;
```

```
        $b = $a % $b;
```

```
        $a = $temp;
```

```
    }
```

```
    return $a;
```

```
}
```

```
if (isset($_POST['num1']) && isset($_POST['num2'])) {
```

```
    $num1 = (int)$_POST['num1'];
```

```
    $num2 = (int)$_POST['num2'];
```

```
    $gcd = calculateGCD($num1, $num2);
```

```
    echo "<p>The GCD of $num1 and $num2 is: $gcd</p>";
```

```
} else {
```

```
    echo "<p>Invalid input. Please enter two numbers.</p>";
```

```
}
```

```
?>
```

```
</body>
```

```
</html>
```

## Use Selenium & Perform 2 test cases

Selenium IDE - Second Project\*


Project: Second Project\*



Tests +

Search tests...

Test 2.1\*  
Test 2.2\*  
Untitled

	Command	Target	Value
1	open	http://localhost:8080/index.html	
2	set window size	900x1020	
3	click	name=num1	
4	type	name=num1	12
5	click	name=num2	

Command: open // 

Target:   

Value:

Description:

Log Reference

Running 'Test 2.1\*' 08:32:28

- 1. open on http://localhost:8080/index.html OK 08:32:28
- 2. setWindowSize on 900x1020 OK 08:32:28
- 3. click on name=num1 OK 08:32:28
- 4. type on name=num1 with value 12 OK 08:32:28
- 5. click on name=num2 OK 08:32:29
- 6. type on name=num2 with value 8 OK 08:32:29
- 7. click on css=input:nth-child(7) OK 08:32:29

'Test 2.1' completed successfully 08:32:29

Selenium IDE - Second Project\*


Project: Second Project\*



Tests +

Search tests...

Test 2.1\*  
Test 2.2\*  
Untitled

	Command	Target	Value
1	open	http://localhost:8080/index.html	
2	set window size	900x1020	
3	click	name=num1	
4	type	name=num1	12
5	click	name=num2	

Command: open // 

Target:   

Value:

Description:

Log Reference

Running 'Test 2.2\*' 08:32:58

- 1. open on http://localhost:8080/index.html OK 08:32:59
- 2. setWindowSize on 900x1020 OK 08:32:59
- 3. click on name=num1 OK 08:32:59
- 4. type on name=num1 with value 24 OK 08:32:59
- 5. click on name=num2 OK 08:32:59
- 6. type on name=num2 with value 12 OK 08:33:00
- 7. click on css=input:nth-child(7) OK 08:33:00

'Test 2.2' completed successfully 08:33:00