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")
{
```

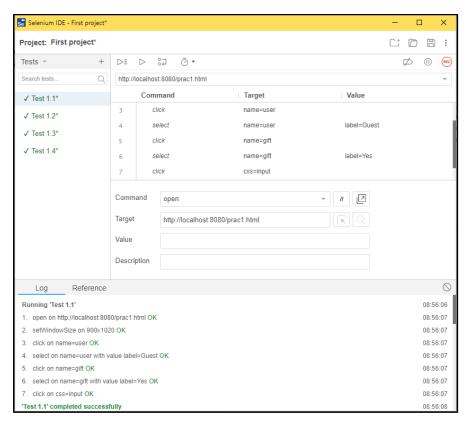
```
echo "You are eligible for 15% discount";
}

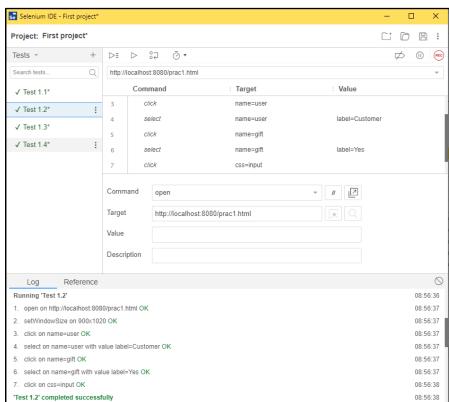
if($user=="2")
{
    if($gift=="1")
{
    echo "You are eligible for 20% discount";
}

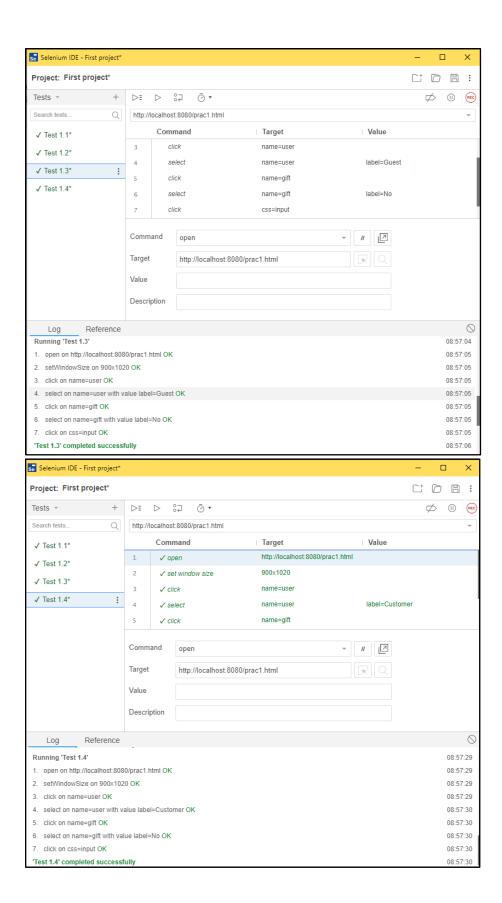
if($gift=="2")
{
    echo "You are not eligible for any discount";
}
}

?>
```

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







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">
                        <a href="right"></a> <a href="right"><a href="right"><a
                        <input type="number" name="num1" required><br>
                        <a href="https://labelsecond.number:</a></abel>
                        <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 = \text{temp}
    }
    return $a;
  }
  if (isset($_POST['num1']) && isset($_POST['num2'])) {
    $num1 = (int)$_POST['num1'];
    num2 = (int)_POST['num2'];
    $gcd = calculateGCD($num1, $num2);
    echo "The GCD of $num1 and $num2 is: $gcd";
  } else {
    echo "Invalid input. Please enter two numbers.";
  }
  ?>
</body>
</html>
```

Use Selenium & Perform 2 test cases

