

Aim:

To write web programs using jquery to implement the logic.

Program:

```
<!DOCTYPE html>

<html>

<head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title>exp6</title>

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js">

    </script>

    <script type="text/javascript">

        $(function() {

            $('.colorr').click(function click(){

                $('.color').css('background', 'yellow');

            });

            $("#add").click(function(){

                var num1 = parseInt($("#num1").val());

                var num2 = parseInt($("#num2").val());

                var result = num1 + num2;

                $("#ans").val(result);

            });

            $("#subtract").click(function(){

                var num1 = parseInt($("#num1").val());

                var num2 = parseInt($("#num2").val());

                var result = num1 - num2;
```

```

        $("#ans").val(result);
    });
    $("#multiply").click(function(){
        var num1 = parseInt($("#num1").val());
        var num2 = parseInt($("#num2").val());
        var result = num1 * num2;
        $("#ans").val(result);
    });
    $("#divide").click(function(){
        var num1 = parseInt($("#num1").val());
        var num2 = parseInt($("#num2").val());
        var result = num1 / num2;
        $("#ans").val(result);
    });
});

</script>

<style type="text/css">
    .colorr{
        background-color: rgb(117, 222, 234);
        height: 30px;
        width: 80px;
        border-radius: 10px;
        margin-top: 10px;
    }
    .color{
        /*height: 100px;
        width: 400px;

```

```

        overflow: scroll;*/

        background-color: rgb(150, 233, 234);

    }

</style>

</head>

<body>

    <div class="page">

        <div class="sub1">

            <div class="color">

                <p>hit the button to view a change in color</p>

            </div>

            <input type="button" value="change" class="colorr" onclick="function
click()">

        </div>

        <hr>

        <div class="sub2">

            Value1:<input type="text" name="value1" id="num1"><br>
            value2:<input type="text" name="value2" id="num2"><br>
            add
            <button id="add" style="background-color: deepskyblue;">+</button><br>
            sub
            <button id="subtract" style="background-color: aqua;">-</button><br>
            mul
            <button id="multiply" style="background-color:
aquamarine;">*</button><br>
            div
            <button id="divide" style="background-color: cyan;">/</button><br><br>
            Answer<input type="text" name="ans" id="ans" value="">

```

```
        </div>
    </div>
</body>
</html>
```

Output:

---

hit the button to view a change in color

change

Value1:

value2:

add

sub

mul

div

Answer

---

hit the button to view a change in color

change

Value1:

value2:

add

sub

mul

div

Answer

<b>Observation(20)</b>	
<b>Record(5)</b>	
<b>Total(25)</b>	
<b>Initial</b>	

Result:

Thus,the program to implement logic using jquery is written,executed and the output is verified.

