Jesus Nolazco

Chapter 16 Assignments

**Page 472 Change story CSS**

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Change Story</title>

</head>

<body>

    <div id="story">

        This is my story. It is full of interesting stuff for you to read when you have time. I can keep going and going and going...

    </div>

    <script src="http://ajax.googleapis.com/ajax/libs/jquery/1.8.2/jquery.min.js">

    </script>

    <script src="app.js"></script>

</body>

</html>

$(document).ready(function() {

    $("#story").click(function() {

        $("#story").css({ 'color': '#009', 'font-size': '2em' });

    });

});

**Page 477 Try This 16-1**

Text

Description automatically generated

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Try This 16-1</title>

</head>

<body>

    <h1>Read a Short Story</h1>

    <p><a href="page.html" id="changelink">See Story</a></p>

    <div id="story">

        I was walking down the street, and I saw this guy. He was<br>sitting in the street, and then he said "Hi!"

    </div>

    <script src="http://ajax.googleapis.com/ajax/libs/jquery/1.8.2/jquery.min.js"></script>

    <script src="prjs16\_1.js"></script>

</body>

</html>

$(document).ready(function() {

    $("#story").hide();

    $("#changelink").click(function(event) {

        event.preventDefault();

        $("#story").slideDown(3000, function() {

            $("#story").fadeOut(10000);

        });

    });

});

**Page 486 Javascript in HTML**

Graphical user interface, text

Description automatically generated

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>JS in HTML</title>

</head>

<body>

    <script>

        function send\_alert() {

            window.alert("Hi, there is a sale today! 20% Off everything!");

            return false;

        }

    </script>

    <a href="#" onclick="send\_alert();">Hi</a>

</body>

</html>

**Page 486 Move to external Javascript**

Graphical user interface, text

Description automatically generated

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>JS</title>

</head>

<body>

    <a href="#" onclick="send\_alert();">Hi</a>

    <script src="app.js"></script>

</body>

</html>

function send\_alert() {

    window.alert("Hi, there is a sale today! 20% Off everything!");

    return false;

}

**Page 487 Remove onclick event**

Graphical user interface, text

Description automatically generated

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>JS</title>

</head>

<body>

    <a href="#" id="sale">Hi</a>

    <script src="app.js"></script>

</body>

</html>

function send\_alert() {

    window.alert("Hi, there is a sale today! 20% Off everything!");

    return false;

}

let s\_alert = document.getElementById("sale");

s\_alert.addEventListener("click", send\_alert, false);

**Page 488 Try This 16-2**

Graphical user interface, text, application

Description automatically generated

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Try This 16-2</title>

</head>

<body>

    <div>

        <h1>Sales:</h1>

    </div>

    <div>

        <a href="sales.html" id="slink">Click for Sale Information</a>

    </div>

    <script src="prjs16\_2.js"></script>

</body>

</html>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Sales</title>

</head>

<body>

    <h1>Sales:</h1>

    Clothes: 25% Off<br> Electronics: 10% Off<br> Appliances: 15% Off (with coupon)

</body>

</html>

let slink = document.getElementById("slink");

slink.addEventListener("click", function() {

    event.preventDefault();

    window.open('sales.html', 'newwin', 'width=300,height=200');

}, false);

**Page 492 Canvas Rectangle**

Graphical user interface, text, application, website

Description automatically generated

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Canvas Rectangle</title>

</head>

<body>

    <canvas width="400" height="400" id="graphic"></canvas>

    <script src="app.js"></script>

</body>

</html>

let graphic = document.getElementById("graphic"),

    ctx = graphic.getContext("2d");

ctx.fillRect(70, 70, 50, 30);

**Page 494 Clear Rectangle**

Graphical user interface, text, application

Description automatically generated

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Clear Rectangle</title>

</head>

<body>

    <canvas width="400" height="400" id="graphic"></canvas>

    <script src="app.js"></script>

</body>

</html>

let graphic = document.getElementById("graphic"),

    ctx = graphic.getContext("2d");

ctx.fillRect(70, 70, 50, 30);

ctx.clearRect(80, 80, 20, 10);

**Page 496 Draw Path**

Graphical user interface, text, application

Description automatically generated

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Draw Path</title>

</head>

<body>

    <canvas width="400" height="400" id="graphic"></canvas>

    <script src="app.js"></script>

</body>

</html>

let graphic = document.getElementById("graphic"),

    ctx = graphic.getContext("2d");

ctx.strokeStyle = "#000000";

ctx.beginPath();

ctx.moveTo(10, 10);

ctx.lineTo(10, 50);

ctx.arcTo(80, 20, 10, 10, 20);

ctx.stroke();

**Page 497 Adding text**

Graphical user interface, text, application, website

Description automatically generated

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Adding Text</title>

</head>

<body>

    <canvas width="400" height="400" id="graphic"></canvas>

    <script src="app.js"></script>

</body>

</html>

let graphic = document.getElementById("graphic"),

    ctx = graphic.getContext("2d");

ctx.fillStyle = "#000000";

ctx.font = "bold 1em Verdana";

ctx.textAlign = "start";

ctx.fillText("I am some text on a canvas", 10, 10, 200);

**Page 500 Drag and drop**

Graphical user interface, text, application

Description automatically generated

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Drag and Drop</title>

</head>

<body>

    <h1>Quick Drag and Drop</h1>

    <p>Drag the link to the box below it to view the link URL</p>

    <p><a href="http://www.mysite.com" id="mylink">My Web Site</a></p>

    <div id="dropdiv" style="border: 1px solid #000;padding:5px;">&nbsp;</div>

    <script src="app.js"></script>

</body>

</html>

let dropdiv = document.getElementById("dropdiv");

dropdiv.addEventListener("dragover", function(event) {

    event.preventDefault();

}, false);

dropdiv.addEventListener("dragenter", function(event) {

    event.preventDefault();

}, false);

dropdiv.addEventListener("drop", function(event) {

    let divtext = event.dataTransfer.getData("URL");

    event.preventDefault();

    dropdiv.innerHTML = divtext;

}, false);