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	Date: 25/09/2022	Unit 2 Assignment Exercise
PROBLEM STATEMENT1 (for odd number SRNs):		
<p>a) Refer the screenshot given below. Insert a video element for Movie/game trailer along with a review rating using SVG elements.</p> <p>b) Create a Div element which contains a header element for displaying “Halo 2 video game” and also a paragraph element for displaying “price \$50.00”. Both header and paragraph elements are registered for click event. When the paragraph element is clicked, display a popup message saying that “Hurry up, discount sale is going on!!!” and when the header element is clicked display the game details using <code>addEventListener()</code> default phase.</p> <p>II. Write jQuery code to accomplish the following:</p> <ol style="list-style-type: none"> 1.Create a div and paragraph element in your own way using CSS. 2.Remove the div style applied in step 1 and add a new style and modify the content in the paragraph using jQuery methods 3. Add a list element of your own style and toggle between fading in and fading out a list element on a Button click. 4. Using Ajax retrieve only author name from XML file which has bookstore data <p>Note: the sample screenshot of output is just for your reference. You have to design your own template.</p>		
OBJECTIVE		
The objective of this exercise is to test the student on HTML and JavaScript. It evaluates the student’s knowledge on HTML5 and jQuery/JavaScript for DOM, events, event handling CSS Styles, AJAX		

PREREQUISITE

In order to complete this exercise, the student needs to understand the fundamentals of HTML5, JavaScript and jQuery.

SAMPLE SCREENSHOT OF OUTPUT (Just for your reference)

SAMPLE1:



PROGRAM

<!-- Question 1 code

```
<!DOCTYPE HTML>
<html>
  <head>
    <title>Midtown Madness 3 review</title>
  </head>
  <body>
    <div style="position: relative;">
      <div id="photo" style="display: inline-block;">
        <a href="https://www.dice.se/game/midtown-madness-3"></a>
      </div>
      <div id="text" style="margin: 0px; padding: 0px; display: inline-block;">
        <div style="display: block; margin: 0px; padding-left: 10px;">
          <h2 id="head">Midtown Madness 3 Game</h2>
        </div>
      </div>
    </div>
  </body>
</html>
```

```

    </div>
    <div id = "price" style = "display: block; margin : 0px;
padding-left: 10px;">
        <p style = "color: #5A5A5A; text-decoration: line-
through; margin-bottom:0px;">Price: $96.79</p>
        <p style = "font-size: 20px; font-weight: bold; margin
: 0; padding: 0px; padding:0px;">On Sale!: $52.36</p><br>
    </div>
    <div id = "rating" style = "display: block; margin : 0px;
padding-left: 10px;">
        <svg style="color: #f3da35;"
xmlns="http://www.w3.org/2000/svg" width="16" height="16"
fill="currentColor" class="bi bi-star-fill" viewBox="0 0 16 16" >
            <path d="M3.612 15.443c-.386.198-.824-.149-.746-
.592l.83-4.73L1.73 6.765c-.329-.314-.158-.888.283-.95l4.898-
.696L7.538.792c.197-.39.73-.39.927 0l2.184 4.327
4.898.696c.441.062.612.636.282.95l-3.522 3.356.83 4.73c.078.443-.36.79-
.746.592L8 13.187l-4.389 2.256z" fill="#f3da35"></path>
        </svg>
        <svg style="color: #f3da35;"
xmlns="http://www.w3.org/2000/svg" width="16" height="16"
fill="currentColor" class="bi bi-star-fill" viewBox="0 0 16 16" >
            <path d="M3.612 15.443c-.386.198-.824-.149-.746-
.592l.83-4.73L1.73 6.765c-.329-.314-.158-.888.283-.95l4.898-
.696L7.538.792c.197-.39.73-.39.927 0l2.184 4.327
4.898.696c.441.062.612.636.282.95l-3.522 3.356.83 4.73c.078.443-.36.79-
.746.592L8 13.187l-4.389 2.256z" fill="#f3da35"></path>
        </svg>
        <svg style="color: #f3da35;"
xmlns="http://www.w3.org/2000/svg" width="16" height="16"
fill="currentColor" class="bi bi-star-fill" viewBox="0 0 16 16" >
            <path d="M3.612 15.443c-.386.198-.824-.149-.746-
.592l.83-4.73L1.73 6.765c-.329-.314-.158-.888.283-.95l4.898-
.696L7.538.792c.197-.39.73-.39.927 0l2.184 4.327
4.898.696c.441.062.612.636.282.95l-3.522 3.356.83 4.73c.078.443-.36.79-
.746.592L8 13.187l-4.389 2.256z" fill="#f3da35"></path>
        </svg>
        <svg style="color: #f3da35;"
xmlns="http://www.w3.org/2000/svg" width="16" height="16"
fill="currentColor" class="bi bi-star-fill" viewBox="0 0 16 16" >
            <path d="M3.612 15.443c-.386.198-.824-.149-.746-
.592l.83-4.73L1.73 6.765c-.329-.314-.158-.888.283-.95l4.898-
.696L7.538.792c.197-.39.73-.39.927 0l2.184 4.327
4.898.696c.441.062.612.636.282.95l-3.522 3.356.83 4.73c.078.443-.36.79-
.746.592L8 13.187l-4.389 2.256z" fill="#f3da35"></path>
        </svg>
        <svg xmlns="http://www.w3.org/2000/svg" width="16"
height="16" fill="currentColor" class="bi bi-star-half" viewBox="0 0 16
16">

```

```

        <path d="M5.354 5.119 7.538.792A.516.516 0 0 1 8
.5c.183 0 .366.097.465.292l2.184 4.327 4.898.696A.537.537 0 0 1 16
6.32a.548.548 0 0 1-.17.445l-3.523 3.356.83 4.73c.078.443-.36.79-
.746.592l8 13.187l-4.389 2.256a.52.52 0 0 1-.146.05c-.342.06-.668-.254-.6-
.642l.83-4.73l.173 6.765a.55.55 0 0 1-.172-.403.58.58 0 0 1 .085-
.302.513.513 0 0 1 .37-.245l4.898-.696zM8 12.027a.5.5 0 0 1 .232.056l3.686
1.894-.694-3.957a.565.565 0 0 1 .162-.505l2.907-2.77-4.052-.576a.525.525 0
0 1-.393-.288l8.001 2.223 8 2.226v9.8z" fill="#f3da35"/>
    </svg>
</div>
<div style = "display: block; margin : 0px; padding:
10px;">
    <div style = "float: left; display: block; margin :
0px;">
        <a href = "https://www.gamespot.com/games/midtown-
madness-3/reviews/" style: "float: left; color: #5A5A5A;"><p style =
"color: #5A5A5A; font-size: 12px; margin-bottom:0px;">Write a
review</p></a>
    </div>
    <div style = "float: left; display: block; margin :
0px; padding-left: 10px; padding-right: 10px">
        <p style = "float: leftcolor: #5A5A5A; font-size:
12px; margin-bottom:0px;"> | </p>
    </div>
    <div style = "float: left; display: block; margin :
0px;">
        <a href = "https://www.gamespot.com/games/midtown-
madness-3/reviews/" style: "float: left; color: #5A5A5A;"><p style =
"color: #5A5A5A; font-size: 12px; margin-bottom:0px;">Read all
reviews</p></a>
    </div><br>
</div>
<div style = "display: block; margin : 0px; padding:
10px;">
    <textarea name = "note" rows = "3" cols =
"30"></textarea>
    <div style = "float: none; display: block; margin : 0px;
padding: 0px;">
        <p style = "color: #FF0000; font-size: 15px; font-
weight: bold;">Only 1 Left</p>
    </div>
    <div style = "float: none; display: block; margin : 0px;
padding: 0px;">
        <a
href="https://twitter.com/ea_dice?ref_src=twsrc%5Etfw" class="twitter-
follow-button" data-show-count="false">Follow @ea_dice</a><script async
src="https://platform.twitter.com/widgets.js" charset="utf-8"></script>
    </div>
</div>

```

```
<html>  
    <head>  
        <title>Assignment 2</title>  
        <script src =  
"https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></scrip  
t>  
  
        <script>  
            function getData(){  
                xhr = new XMLHttpRequest();  
                xhr.open("get", "book.xml", true);  
                xhr.onreadystatechange = showdata;  
                xhr.responseType = "document";  
                xhr.send();  
            }  
  
            function showdata(){  
                console.log("In showdata");
```

```

        if(this.readyState == 4 && this.status == 200){
            console.log("inside if");
            document.querySelector("#para2").innerHTML =
this.responseXML.getElementsByTagName("author")[0].firstChild.nodeValue;
        }
    }

    $(document).ready( function(){
        getData();
        $("#div1").css("background-color", "red");
        $("#para1").css("background-color", "black");
        $("#para1").css("color", "white");
        $("#para1").text("I am Shadow, Shadow the Hedgehog.");
        $("#hider").click( function(){
            $("#list1").children().eq(1).fadeToggle();
            $(this).text("Click here to show the bad weapon");
        });
    });
</script>
</head>
<body>
    <div id = "div1" style = "height: 200px; width = 300px;
background-color: #00FFFF">
        <p align = "center" id = "para1" style = "margin: auto; color:
Red; background-color: #32CD32; display: flex; justify-content: center;
width:100%;">I am Sonic, Sonic the Hedgehog.</p>
    </div>
    <div>
        <h3>Best Guns in Call of Duty: Mobile-><h3>
        <ul id = "list1">
            <li>Peacekeeper Mk2</li>
            <li>XPR-50</li>
            <li>KRM-262</li>
            <li>Switchblade</li>
        </ul>
        <button id = "hider">Click here to hide the bad
weapon</button>
    </div>
    <div>
        <h1>Author From Bookstore: </h1>
        <p id = "para2"></p>
    </div>
</body>
</html>

```

<III> bookstore.xml

```

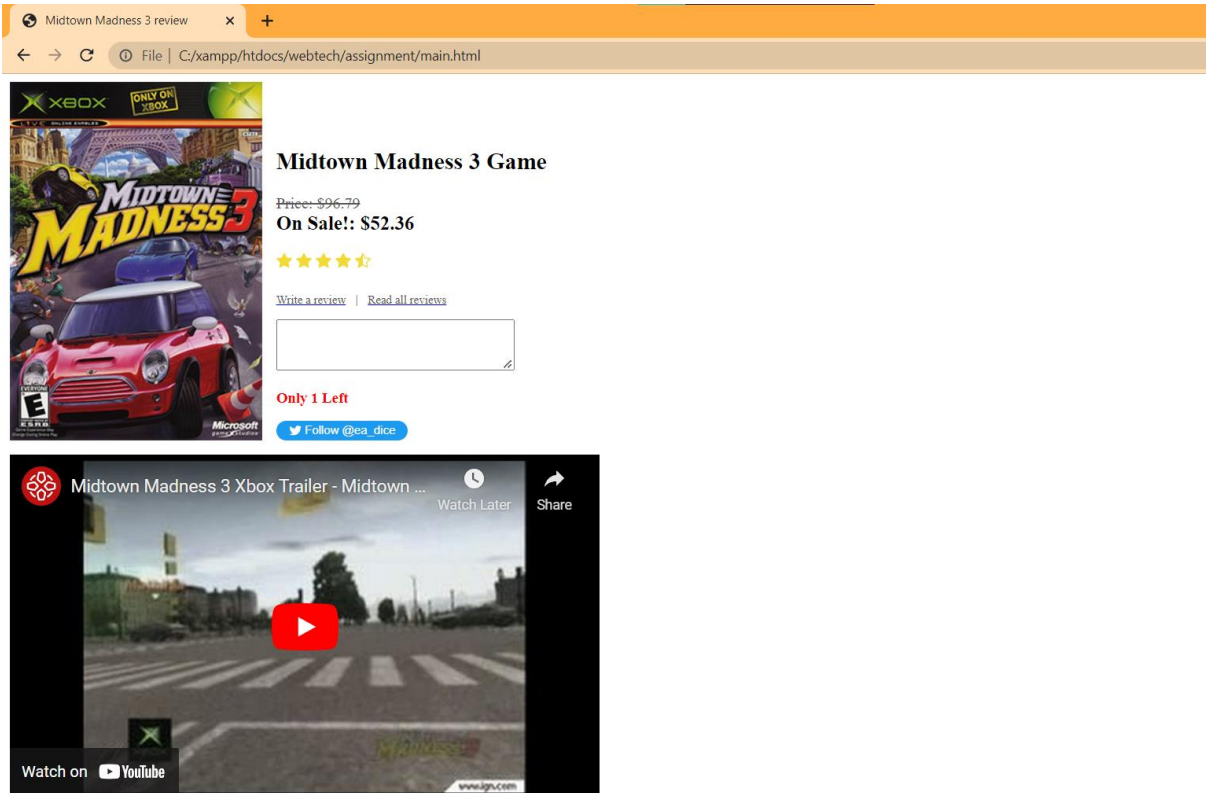
<bookstore>
    <book>Diary of a Wimpy Kid</book>
    <author>Jeff Kinney</author>
</bookstore>

```

SCREENSHOT OF YOUR OUTPUT

<I> Question 1:

→ output



→ On clicking header:

/main.html

Business 3 Gam

[views](#)

This page says

Midtown Madness 3 recreates the cities of Paris and Washington, D.C. in the game.

In single-player mode, the player can freely roam, race, or complete objective-based missions.

the player attempts to complete driving-based objectives that vary for each city: in Paris, the player works as a delivery guy, taxi driver, chauffeur, security guard, ambulance driver, police officer, and special agent, while in Washington, D.C., the player works as a pizza delivery man, rental car driver, limo driver, car salesman, stunt driver, police officer, and private eye.

OK

→ On clicking price:

ml

3 Gam

This page says

Hurry up, discount sale is going on!!!

OK

<II> Program 2:

→ output:

I am Shadow, Shadow the Hedgehog.

Best Guns in Call of Duty: Mobile->

- Peacekeeper Mk2
- XPR-50
- KRM-262
- Switchblade

[Click here to hide the bad weapon](#)

Author From Bookstore:

Jeff Kinney

→ On clicking button:

Best Guns in Call of Duty: Mobile->

- Peacekeeper Mk2
- KRM-262
- Switchblade

[Click here to show the bad weapon](#)

→ On clicking button again:

Best Guns in Call of Duty: Mobile->

- Peacekeeper Mk2
- XPR-50
- KRM-262
- Switchblade

[Click here to hide the bad weapon](#)