Lab 2, Home Assignment

JQuery

Q1.

```html
<!DOCTYPE html>
<html>
<head>
    <title>Bill Generator</title>
    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
</head>
<body>
<div class="container">
    <h3>Product Billing</h3>
    <div>
        Brand:
        <select id="brand">
            <option value="HP">HP</option>
            <option value="Nokia">Nokia</option>
            <option value="Samsung">Samsung</option>
            <option value="Motorola">Motorola</option>
            <option value="Apple">Apple</option>
        </select>
    </div>

    <div>
        Type: <br>
        <input type="checkbox" class="product" value="50"> Mobile (50k)<br>
        <input type="checkbox" class="product" value="100"> Laptop (100k)
    </div>

    <div>
        Quantity: <input type="number" id="qty" value="1" min="1">
    </div>

    <button id="billBtn">Produce Bill</button>
</div>

<script>
    $(document).ready(function(){
        $("#billBtn").click(function(){
            let totalUnitWeight = 0;
```

```
        let qty = parseInt($("#qty").val());

        $(".product:checked").each(function(){
            totalUnitWeight += parseInt($(this).val());
        });

        if(totalUnitWeight === 0) {
            alert("Please select Mobile or Laptop");
        } else {
            let finalBill = totalUnitWeight * qty;
            alert("Total Amount for " + $("#brand").val() + " is: " +
finalBill+ "k");
        }
    });
  });
  });
</script>
</body>
</html>
```
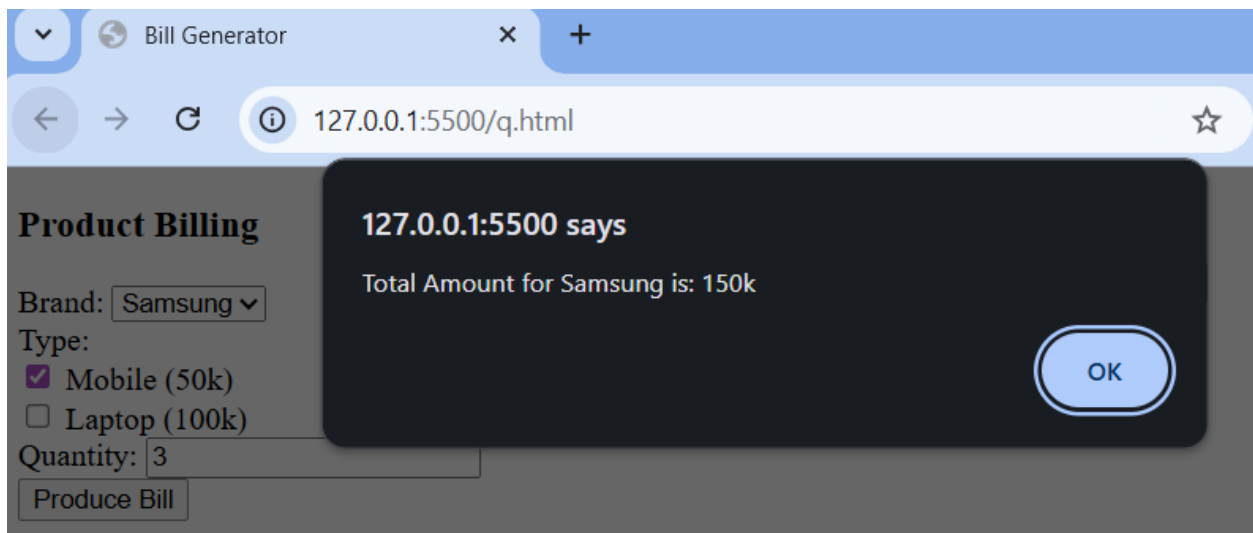
Screenshot:

Q2.

```
<!DOCTYPE html>
<html>
<head>
    <title>Bouncing Ball</title>
    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
    <style>
        #stage { width: 100%; height: 400px; border-bottom: 5px solid black; }
        #ball {
```
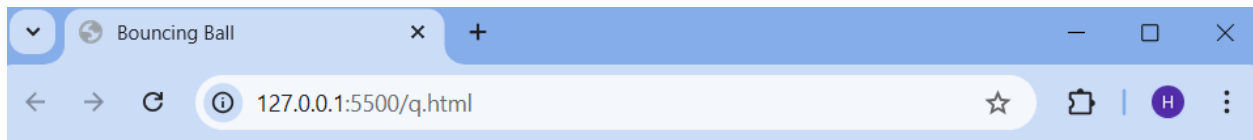
```
                width: 50px; height: 50px;
                background: red;
                border-radius: 50%;
                position: absolute;
                left: 50%;
            }
        </style>
    </head>
    <body>
    <div id="stage">
        <div id="ball"></div>
    </div>
    <script>
        $(document).ready(function(){
            function bounce() {
                $("#ball").animate({ top: "350px" }, 800, "swing")
                        .animate({ top: "0px" }, 800, "swing", bounce);
            }
            bounce();
        });
    </script>
    </body>
    </html>
```

Screenshot:

Q3.

```html
<!DOCTYPE html>
<html>
<head>
    <title>Sliding Text</title>
    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
    <style>
        .box {
            position: relative;
            width: 500px;
            height: 300px;
            overflow: hidden;
        }
        .txt {
            position: absolute;
            top: 100px;
            left: -200px;
```

```
            font-size: 20px;
        }
        img { width: 100%; height: 100%; }
    </style>
</head>
<body>
<div class="box">
    <img src="img.jpg" alt="Image">
    <div class="txt">ABCDEFGHIJGKMNOPQRSTUVWXYZ</div>
</div>
<script>
    $(document).ready(function(){
        function moveText() {
            $(".txt").css("left", "-200px").animate({ left: "500px" }, 4000,
"linear", moveText);
        }
        moveText();
    });
</script>
</body>
</html>
```

Screenshot: