










QUESTION

Write a form application for a flower shop. The web form contains 3 input; type of the flower, quantity and a note on the flowers, Fig 2a. Rose is selected by default. A user can select only one flower type at a time. Quantity must be an integer number greater than 0. Message is a free text. There is no need to check if it is empty or not. The program should sanitize all inputs and should **validate only quantity**. If the quantity is not validated, it does not calculate the price of the flowers, instead, it displays an error message next to the quantity textbox in red color, Fig 2b. The unit prices of flowers are as follows: rose is 15 TL, daisy is 10 TL and tulip is 20 TL. If quantity is not correct, it displays the form with previous values. (It remembers the inputs) Otherwise, it calculates the price as in Fig 2d.

<div style="text-align: center; font-weight: bold; font-size: 1.2em;">Flower Shop</div> <hr/> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <input type="radio"/> Rose </div> <div style="text-align: center;">  <input type="radio"/> Daisy </div> <div style="text-align: center;">  <input checked="" type="radio"/> Tulip </div> </div> <hr/> <p>Quantity : <input style="width: 50px;" type="text"/></p> <hr/> <p>Message : <div style="border: 1px solid #ccc; padding: 5px; min-height: 30px;">Happy birthday!!! Love, your mom.</div></p> <hr/> <p style="text-align: center;"><input type="button" value="Buy"/></p>	<div style="text-align: center; font-weight: bold; font-size: 1.2em;">Flower Shop</div> <hr/> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <input type="radio"/> Rose </div> <div style="text-align: center;">  <input type="radio"/> Daisy </div> <div style="text-align: center;">  <input checked="" type="radio"/> Tulip </div> </div> <hr/> <p>Quantity : <input style="width: 50px;" type="text"/> Enter a valid quantity</p> <hr/> <p>Message : <div style="border: 1px solid #ccc; padding: 5px; min-height: 30px;">Happy birthday!!! Love, your mom.</div></p> <hr/> <p style="text-align: center;"><input type="button" value="Buy"/></p>
<div style="text-align: center; font-weight: bold; font-size: 1.2em;">Flower Shop</div> <hr/> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <input type="radio"/> Rose </div> <div style="text-align: center;">  <input type="radio"/> Daisy </div> <div style="text-align: center;">  <input checked="" type="radio"/> Tulip </div> </div> <hr/> <p>Quantity : <input style="width: 50px;" type="text" value="4"/> Enter a valid quantity</p> <hr/> <p>Message : <div style="border: 1px solid #ccc; padding: 5px; min-height: 30px;">Happy birthday!!! Love, your mom.</div></p> <hr/> <p style="text-align: center;"><input type="button" value="Buy"/></p>	<div style="text-align: center; font-weight: bold; font-size: 1.2em;">Your Bouquet</div> <div style="margin-top: 10px;">4 x Tulip</div> <div style="margin-top: 10px;">Price : 80 TL</div> <div style="margin-top: 10px;"> Message : Happy birthday!!! Love, your mom. </div> <div style="margin-top: 10px;"> Go back to form </div>
Fig 2a: Fill the form	Form 2b: Quantity is not valid
Fig 2c: Enter a correct quantity	Fig 2d: It calculates the price

Grading: 10Pts: Web Form, 20Pts: Form Processing/calculating price, 5Pts: Sanitize inputs, 10Pts: Validation/Show Error, 15Pts: Sticky Form (remember previous values)