Programming Concepts
Week 4 **Pass** Submission Tasks Template

Student ID: _____103055993_____

Student Name: _____Mario Stavreski_____

Pass Task 4 screenshot with both invalid inputs

Paste the screen capture of the web page as shown by the browser here.

Accomodation Quote

Price Per Night: t Number of Nights y Submit

The price you entered is invalid, please enter a value greater than $0

The number of nights you entered is invalid, please enter a value of 1 or more

Produced by Mario Stavreski

Pass Task 4 screenshot with first valid and second invalid inputs

Paste the screen capture of the web page as shown by the browser here.

Accomodation Quote

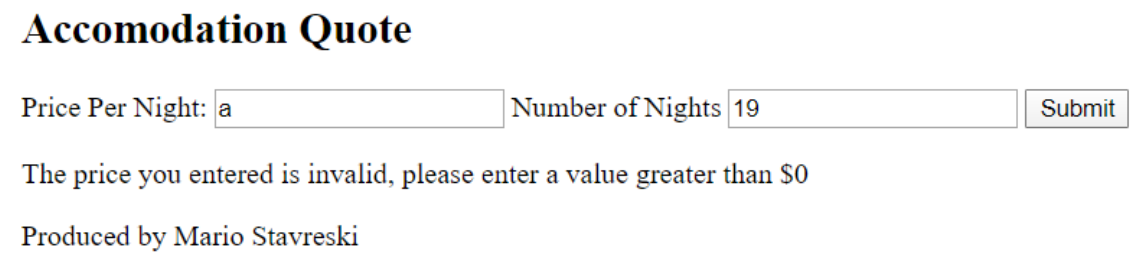
Price Per Night: 10 Number of Nights x Submit

The number of nights you entered is invalid, please enter a value of 1 or more

Produced by Mario Stavreski

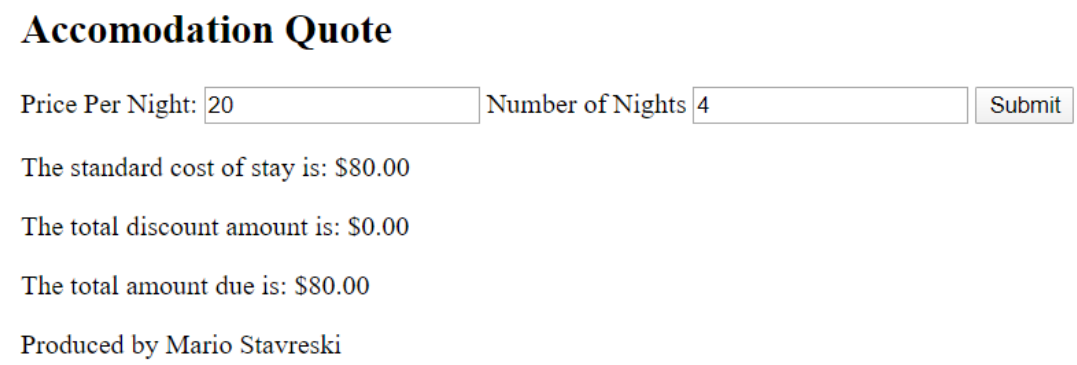
Pass Task 4 screenshot with first invalid and second invalid inputs

Paste the screen capture of the web page as shown by the browser here.



Pass Task 4 screenshots with valid input and discount being 0

Paste the screen capture of the web page as shown by the browser here.



Pass Task 4 set of screenshots with valid inputs and discount being >0

Paste the screen captures of the web page as shown by the browser here. Note you need to test number of nights resulting in different discount rates; you also need to test borderline values (in this case 5 nights and 10 nights).

Accomodation Quote

Price Per Night: 25 Number of Nights 5 Submit

The standard cost of stay is: $125.00

The total discount amount is: $3.75

The total amount due is: $121.25

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Accomodation Quote

Price Per Night: 25 Number of Nights 10 Submit

The standard cost of stay is: $250.00

The total discount amount is: $7.50

The total amount due is: $242.50

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Accomodation Quote

Price Per Night: 25 Number of Nights 11 Submit

The standard cost of stay is: $275.00

The total discount amount is: $13.75

The total amount due is: $261.25

Produced by Mario Stavreski

Pass Task 4 html code

Paste the html code of the same page here.

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8" />
  <meta name="description" content="Quote calculator" />
  <meta name="keywords"    content="quote, calculator, javascript, html" />
  <meta name="author"      content="Mario Stavreski" />
  <title>Testing output</title>
  <script src="w4P1.js"></script>
</head>
<body>
<header>
</header>
<article>

  <h2> Accomodation Quote </h2>


  <form>
      <label> Price Per Night: <input type="text" id="totalPrice" /> </label>
      <label> Number of Nights <input type="text" id="noNights" /> </label>
      <button type="button" id="send"> Submit </button>
  </form>

  <p id='standardPrice'></p>
  <p id="discount"></p>
  <p id="amount"></p>
  <p id="priceErrorMessage"></p>
  <p id="nightsErrorMessage"></p>


</article>
<footer><p>Produced by Mario Stavreski</p></footer>
</body>
</html>

```

Pass Task 4 JavaScript code

Paste the JavaScript code of the same page here.

```
/* Filename: w4P1.js
   Target html: w4P.js
   Purpose : To calculate the discount of an accomodation fee
   Author: Mario Stavreski
   Date written: 10/4/2020
   Revisions:  v1.0
*/

// this function calculates the total cost excl. discount
function calcStayCost(pricePerNight, numberOfNights) {
  return pricePerNight * numberOfNights;
}

// this function calculates the discount rate
function calcDiscount(numNights, standardCost) {
  var dRate;

  if (numNights < 5) {
    dRate = 0
  } else {
    if (numNights <= 10) {
    dRate = 0.03
  } else {
    dRate = 0.05
  }
  }
  return standardCost * dRate;
}

// This funcion calculates the discounted cost
function calcAmount(cost, discount) {
  return cost - discount;
}

```

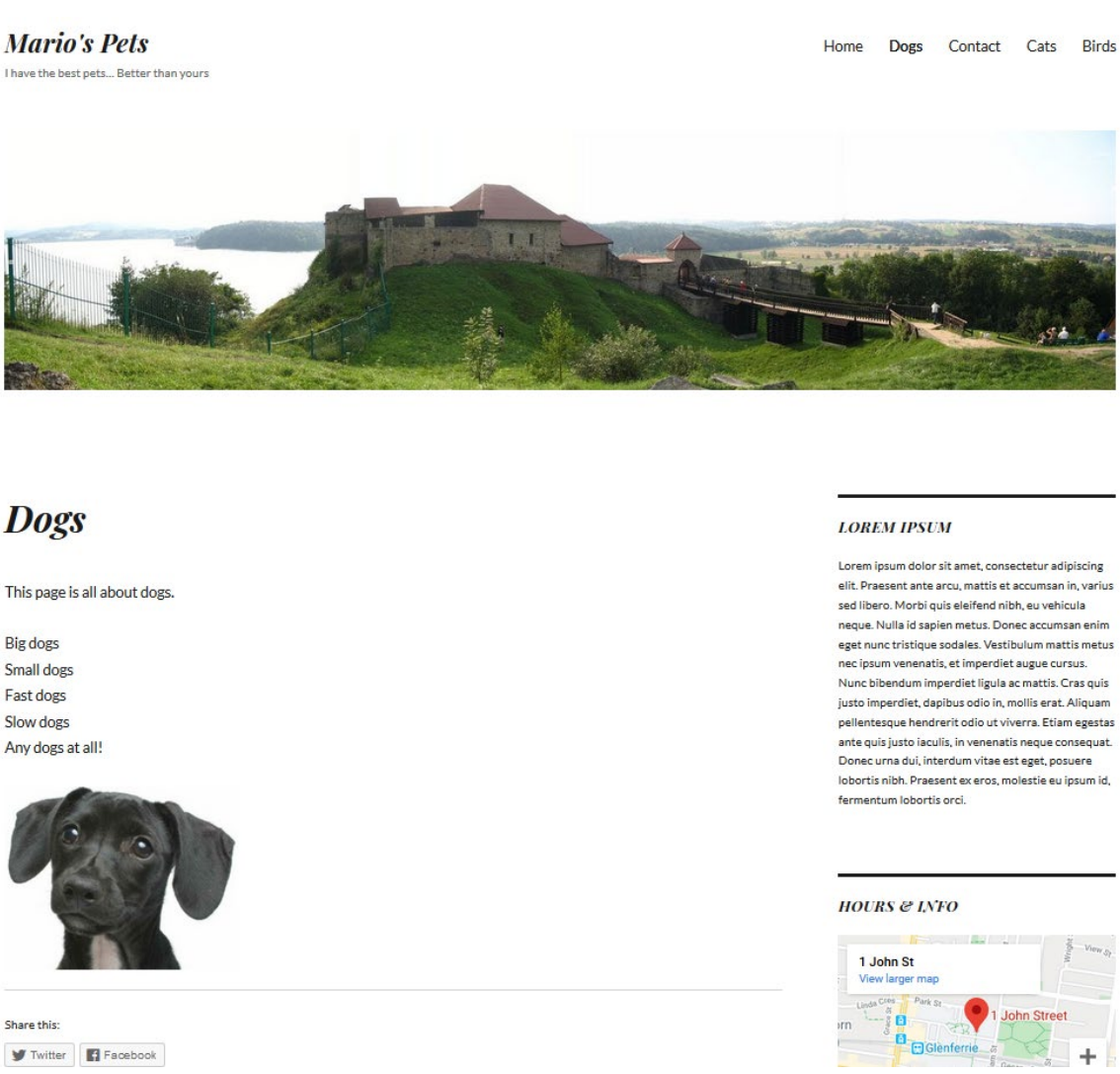
```
// this function validates user input, making sure that the values the user has entered for both field are >0
function validateInput(validNumber) {
  if (validNumber > 0) {
    return true;
  }
  else {
    return false;
  }
  }

```

```
// this function processes the accomodation quote and prints it
function processQuote() {

  var pricePerNight = document.getElementById("totalPrice").value;
  var totalNights = document.getElementById('noNights').value;
  pricePerNight = Number(pricePerNight);
  totalNights = Number(totalNights);
  var validPrice = validateInput(pricePerNight);
  var validNights = validateInput(totalNights);

  if (validPrice && validNights) {
    var standardCost = calcStayCost(pricePerNight, totalNights);
    standardCost = standardCost.toFixed(2);

    var totalDiscount = calcDiscount(totalNights, standardCost);
    totalDiscount = totalDiscount.toFixed(2);

    console.log(totalDiscount);

    var totalAmountDue = calcAmount(standardCost, totalDiscount);
    totalAmountDue = totalAmountDue.toFixed(2);
    var standardCostOut = document.getElementById("standardPrice");
    standardCostOut.innerHTML = "The standard cost of stay is: $" + standardCost;
    var discountOut = document.getElementById('discount');
    discountOut.innerHTML = "The total discount amount is: $" + totalDiscount;
    var totalDueOut = document.getElementById('amount');
    totalDueOut.innerHTML = "The total amount due is: $" + totalAmountDue;

  }

  else {
    if (validPrice == false) {
      var priceErrorOut = document.getElementById('priceErrorMessage').innerHTML = "The price you entered is invalid, please enter a value greater than $0";
    }
    if (validNights == false) {
      var nightsErrorOut = document.getElementById('nightsErrorMessage').innerHTML = "The number of nights you entered is invalid, please enter a value of 1 or more"
    }
  }

}

```

```
function init() {
  var btn = document.getElementById("send");
  btn.onclick = processQuote;

  }

window.onload = init;

```

Pass Task 5 screenshot: Wordpress Dog page

Paste the screen capture of the Wordpress Dog page.



Pass Task 5 screenshot: Wordpress Contact page

Paste the screen capture of the Wordpress Contact page.

Contact

Don't hesitate to reach out with the contact information below, or send a message using the form.

Get in Touch

10 Street Road
City, 10100
USA
myemail@example.com
(123) 456-7890

Send Us a Message

NAME (required)

EMAIL (required)

WEBSITE

MESSAGE (required)

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HOURS & INFO

1 John Street, Hawthorn,
1-202-555-1212
Lunch: 11am - 2pm
Dinner: M-Th 5pm - 11pm, Fri-Sat:5pm - 1am

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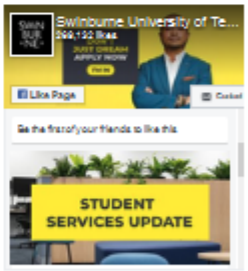

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Pass Task 5 screenshot: Wordpress Cat page

Paste the screen capture of the Wordpress Cat page.

Cats

This page is about cats.

The common cat (Latin: Felis silvestris catus or Latin: Felis catus) is the most common species in the cat family (Felidae). It is found wild or domesticated (Felis ocreata domestica) everywhere.

Widgets

April 2020

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

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HOURS & INFO

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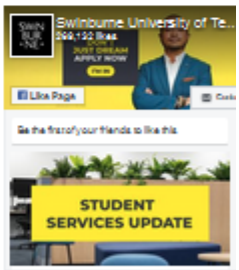

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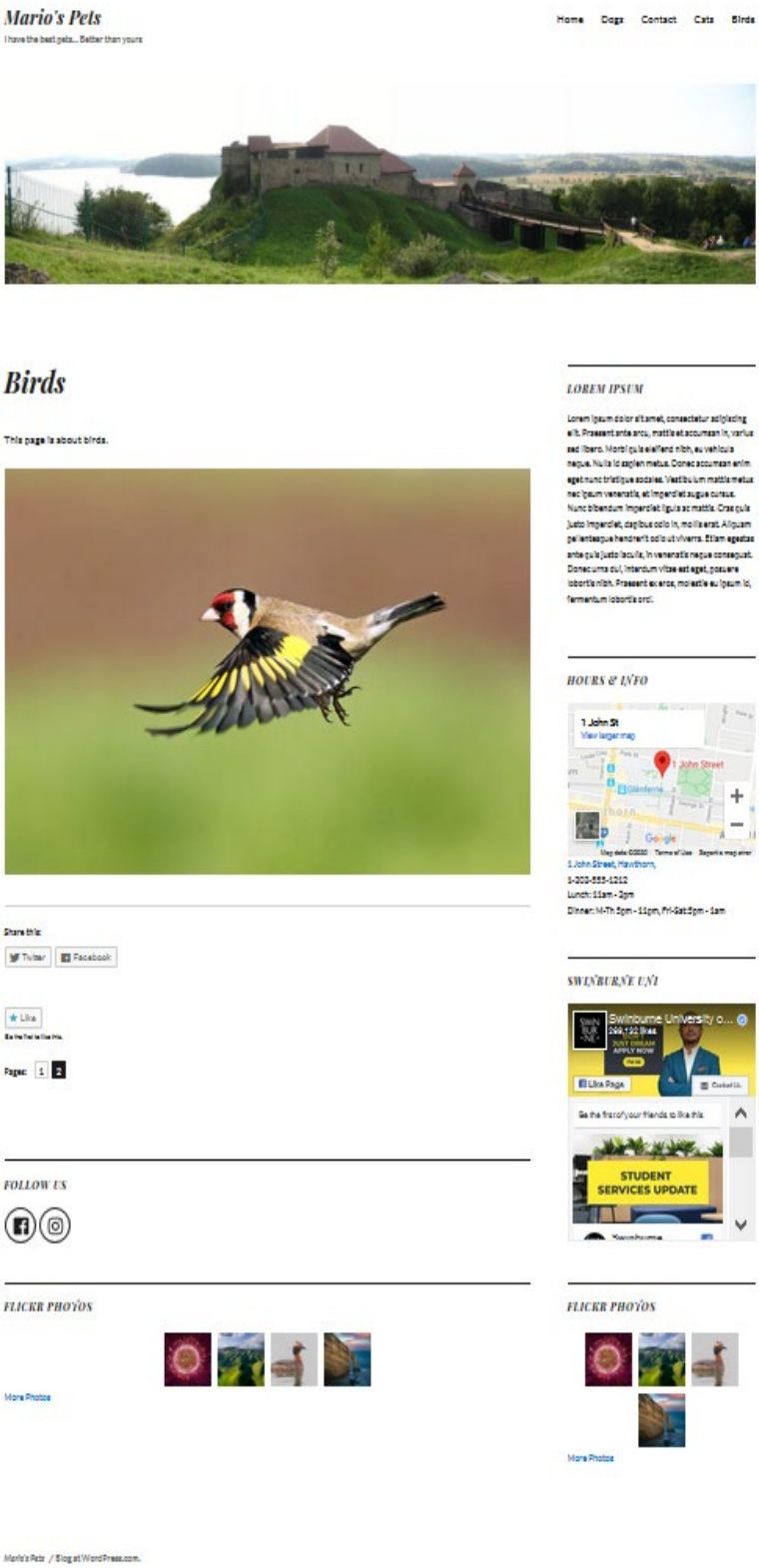
Pass Task 5 screenshot: Wordpress Bird page

Paste the screen capture of the Wordpress Bird page.

Note from Mario: On Canvas there was an image of a fish, and not a bird, but the task asked for a bird page, so I used another image