

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: Number of Nights

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: Number of Nights

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.

Accommodation Quote

Price Per Night: Number of Nights

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

Produced by Mario Stavreski

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.

Accommodation Quote

Price Per Night: Number of Nights

The standard cost of stay is: \$80.00

The total discount amount is: \$0.00

The total amount due is: \$80.00

Produced by Mario Stavreski

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).

Accommodation Quote

Price Per Night: Number of Nights

The standard cost of stay is: \$125.00

The total discount amount is: \$3.75

The total amount due is: \$121.25

Produced by Mario Stavreski

Accommodation Quote

Price Per Night: Number of Nights

The standard cost of stay is: \$250.00

The total discount amount is: \$7.50

The total amount due is: \$242.50

Produced by Mario Stavreski

Accommodation Quote

Price Per Night: Number of Nights

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.

```

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="utf-8" />
5    <meta name="description" content="Quote calculator" />
6    <meta name="keywords" content="quote, calculator, javascript, html" />
7    <meta name="author" content="Mario Stavreski" />
8    <title>Testing output</title>
9    <script src="w4P1.js"></script>
10 </head>
11 <body>
12 <header>
13 </header>
14 <article>
15
16   <h2> Accomodation Quote </h2>
17
18
19   <form>
20     <label> Price Per Night: <input type="text" id="totalPrice" /> </label>
21     <label> Number of Nights <input type="text" id="noNights" /> </label>
22     <button type="button" id="send"> Submit </button>
23   </form>
24
25   <p id='standardPrice'></p>
26   <p id="discount"></p>
27   <p id="amount"></p>
28   <p id="priceErrorMessage"></p>
29   <p id="nightsErrorMessage"></p>
30
31
32 </article>
33 <footer><p>Produced by Mario Stavreski</p></footer>
34 </body>
35 </html>
36

```

Pass Task 4 JavaScript code

Paste the JavaScript code of the same page here.

```

1  /* Filename: w4P1.js
2     Target html: w4P.js
3     Purpose : To calculate the discount of an accomodation fee
4     Author: Mario Stavreski
5     Date written: 10/4/2020
6     Revisions: v1.0
7  */
8
9  // this function calculates the total cost excl. discount
10 function calcStayCost(pricePerNight, numberOfNights) {
11     return pricePerNight * numberOfNights;
12 }
13
14 // this function calculates the discount rate
15 function calcDiscount(numNights, standardCost) {
16     var dRate;
17
18     if (numNights < 5) {
19         dRate = 0
20     } else {
21         if (numNights >= 5 && numNights <= 10) {
22             dRate = 0.03
23         } else {
24             dRate = 0.05
25         }
26     }
27     return standardCost * dRate;
28 }
29
30 // This function calculates the discounted cost
31 function calcAmount(cost, discount) {
32     return cost - discount;
33 }
34
35 // this function validates user input, making sure that the values the user has entered for both field are >0
36 function validateInput(validNumber) {
37     if (validNumber > 0) {
38         return true;
39     }
40     else {
41         return false;
42     }
43 }
44

```

```

45 // this function processes the accomodation quote and prints it
46 function processQuote() {
47
48     var pricePerNight = document.getElementById("totalPrice").value;
49     var totalNights = document.getElementById('noNights').value;
50     pricePerNight = Number(pricePerNight);
51     totalNights = Number(totalNights);
52     var validPrice = validateInput(pricePerNight);
53     var validNights = validateInput(totalNights);
54
55     if (validPrice && validNights) {
56         var standardCost = calcStayCost(pricePerNight, totalNights);
57         standardCost = standardCost.toFixed(2);
58
59         var totalDiscount = calcDiscount(totalNights, standardCost);
60         totalDiscount = totalDiscount.toFixed(2);
61
62         console.log(totalDiscount);
63
64         var totalAmountDue = calcAmount(standardCost, totalDiscount);
65         totalAmountDue = totalAmountDue.toFixed(2);
66         var standardCostOut = document.getElementById("standardPrice");
67         standardCostOut.innerHTML = "The standard cost of stay is: $" + standardCost;
68         var discountOut = document.getElementById('discount');
69         discountOut.innerHTML = "The total discount amount is: $" + totalDiscount;
70         var totalDueOut = document.getElementById('amount');
71         totalDueOut.innerHTML = "The total amount due is: $" + totalAmountDue;
72
73     }
74
75     else {
76         if (validPrice == false) {
77             var priceErrorOut = document.getElementById('priceErrorMessage').innerHTML = "The price you entered is invalid, please enter a value greater than $0";
78         }
79         if (validNights == false) {
80             var nightsErrorOut = document.getElementById('nightsErrorMessage').innerHTML = "The number of nights you entered is invalid, please enter a value of 1 or more"
81         }
82     }
83 }
84 }
85
86 function init() {
87     var btn = document.getElementById("send");
88     btn.onclick = processQuote;
89
90 }
91
92 window.onload = init;
93

```

Pass Task 5 screenshot: Wordpress Dog page

Paste the screen capture of the Wordpress Dog page.



Dogs

This page is all about dogs.

- Big dogs
- Small dogs
- Fast dogs
- Slow dogs
- Any dogs at all!



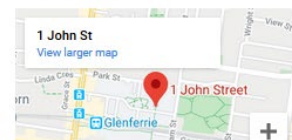
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HOURS & INFO



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

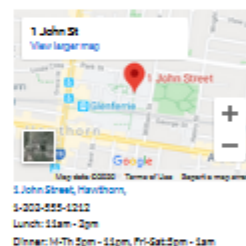
MESSAGE (required)

SUBMIT

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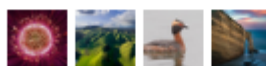
HOURS & INFO



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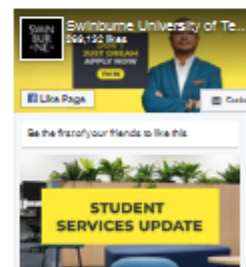


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Pass Task 5 screenshot: Wordpress Cat page

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 catus 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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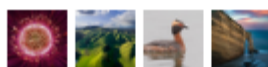
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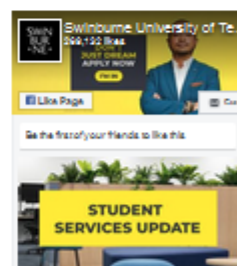
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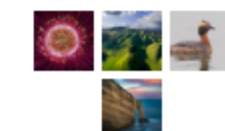


1 John Street, Hawthorn,
VIC 3122
1-200-555-1212
Lunch: 11am - 2pm
Dinner: Mon-Sun 11pm - 11pm, Fri-Sat 12pm - 1am

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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

Mario's Pets


I have the best pets... Better than yours

Home Dogs Contact Cats Birds



Birds

This page is about birds.



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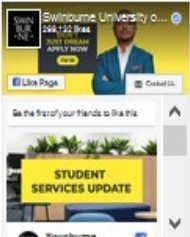


1 John St
View larger map

Map data ©2020 Terms of Use Report a map error


1 John Street, Swinburne,
0-000-000-0000
Lunch: 11am - 2pm
Dinner: 11:30am - 11pm, Fri-Sat: 2pm - 1am

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