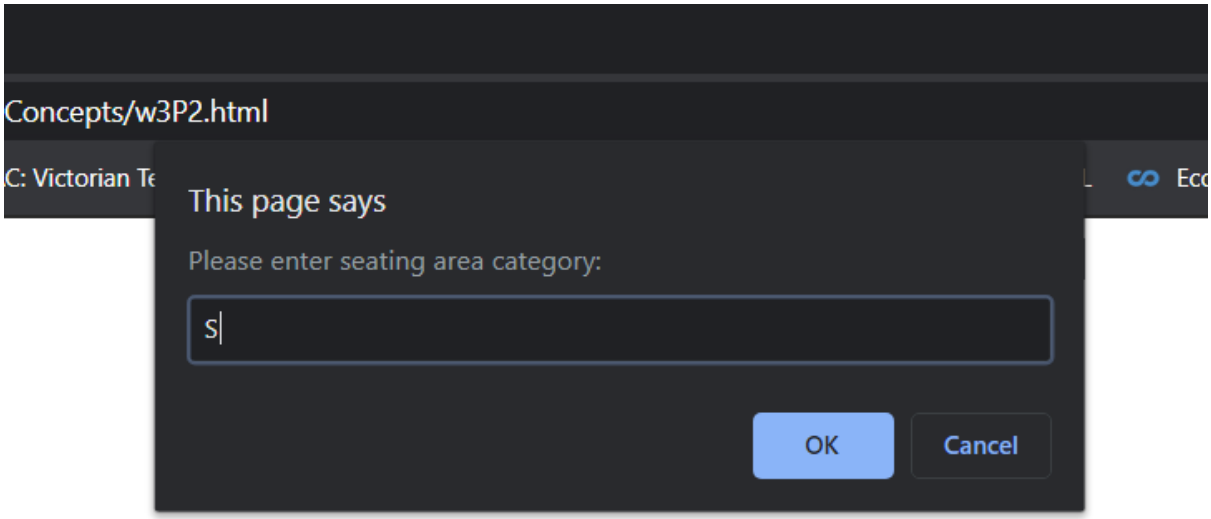
Programming Concepts
Week 3 **Pass** Submission Tasks Template

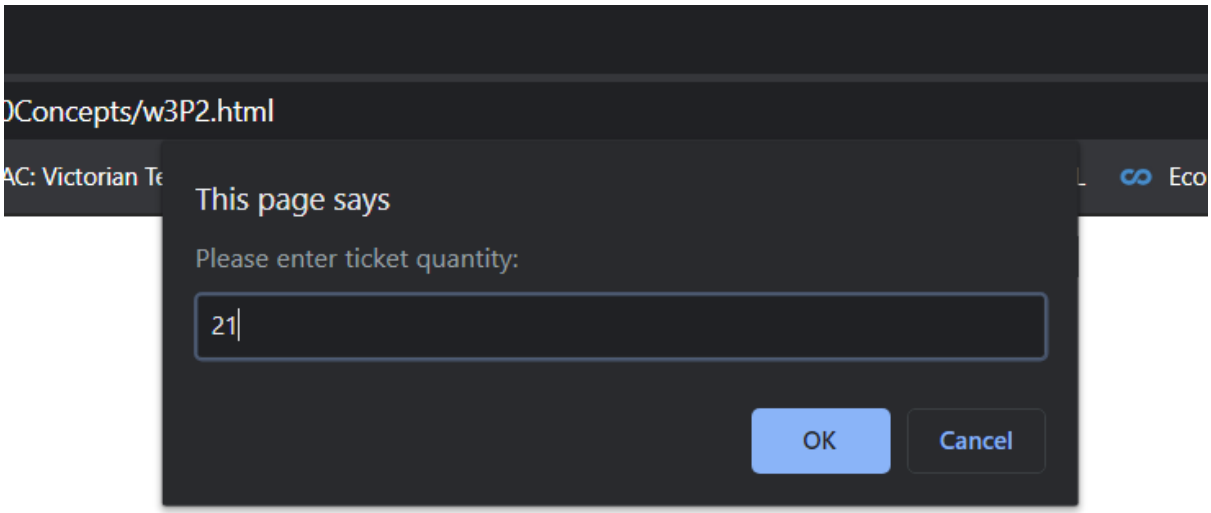
Student ID: _____103055993_____

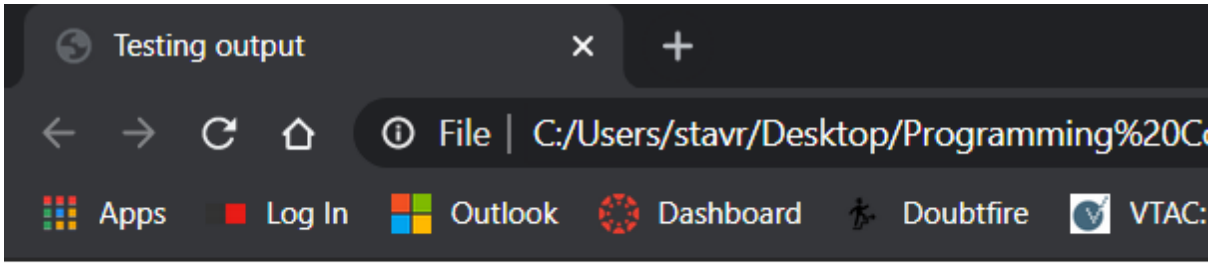
Student Name: _____Mario Stavreski_____

Pass Task 6 set of screenshots with valid seating category and invalid quantity

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


Concepts/w3P2.html
C: Victorian Te
Eco
This page says
Please enter seating area category:
S
OK
Cancel


)Concepts/w3P2.html
AC: Victorian Te
Eco
This page says
Please enter ticket quantity:
21
OK
Cancel

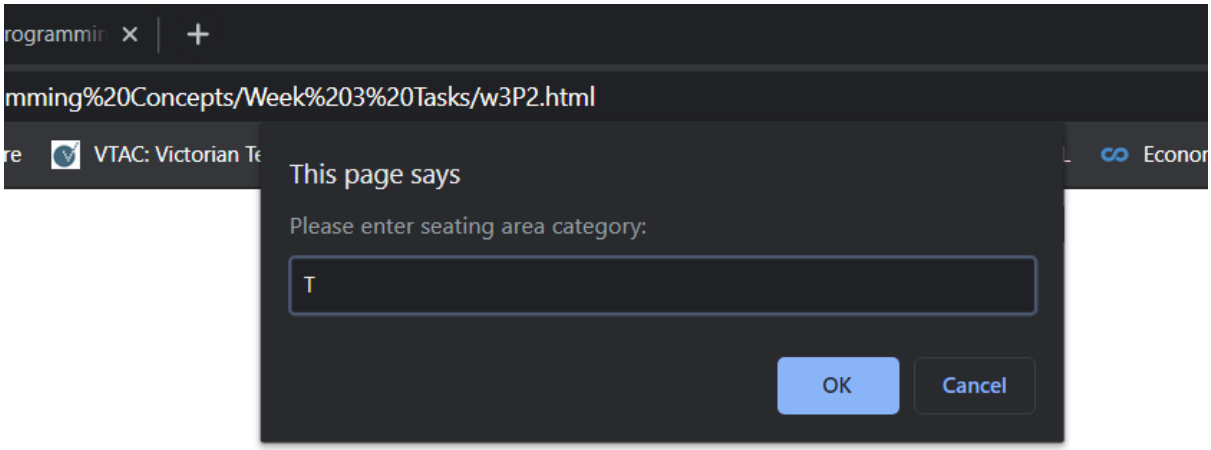


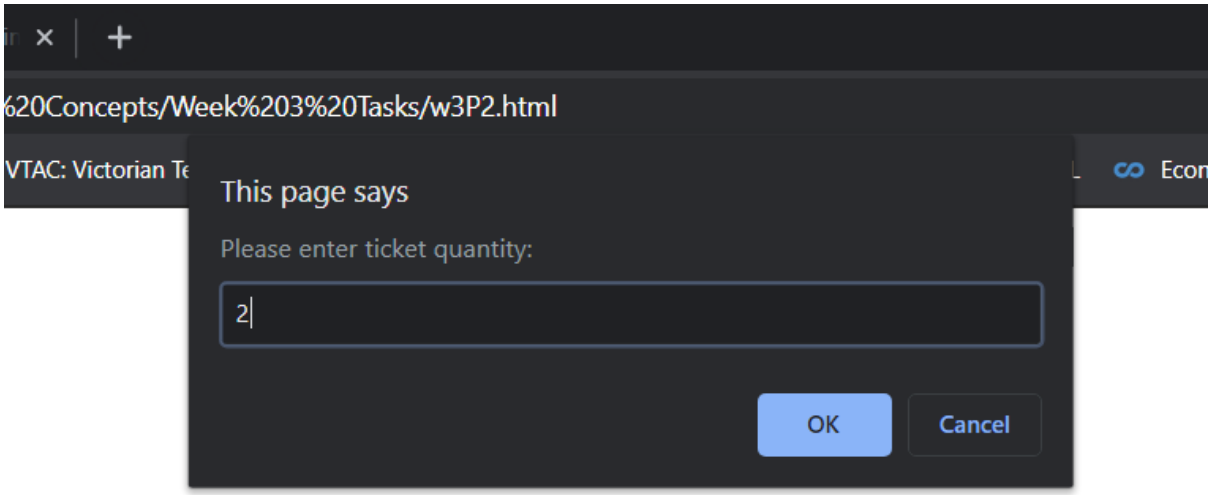
Ticket quantity must be between 1 and 20. Please try again

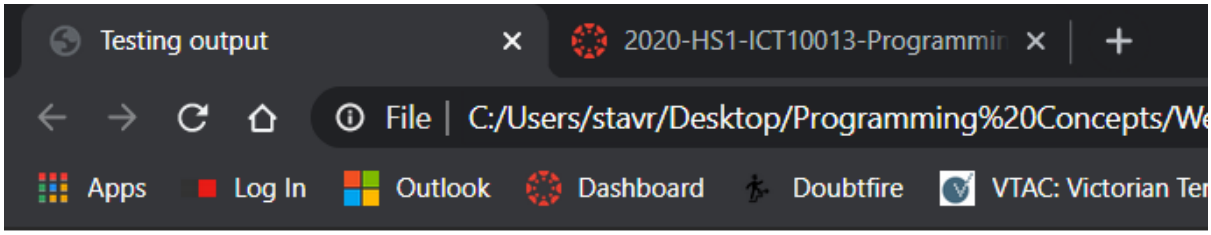
Produced by Mario Stavreski

Pass Task 6 set of screenshots with invalid seating category and valid quantity

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

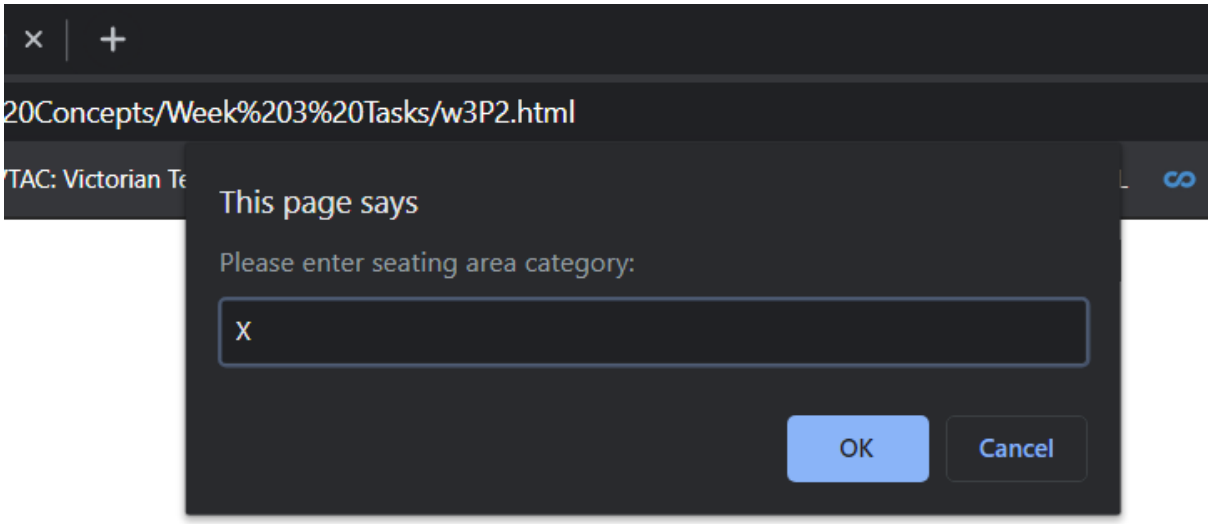


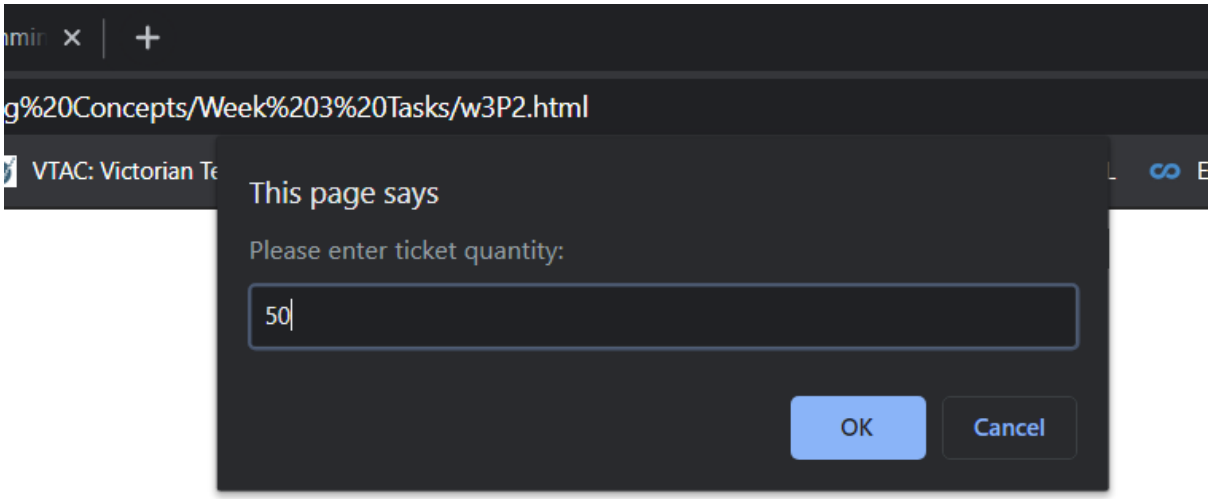


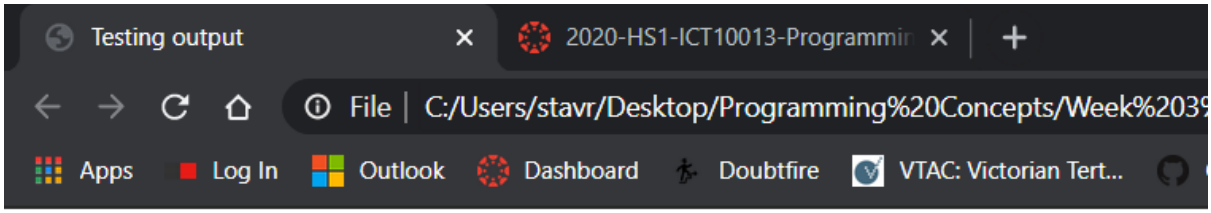


T is not a valid seating area category. Please enter S, C, B or R.

Produced by Mario Stavreski







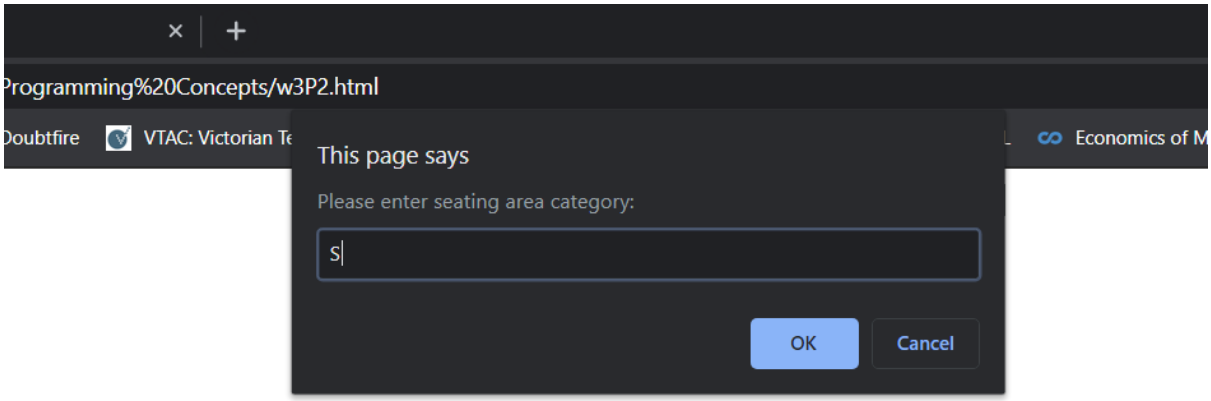
X is not a valid seating area category. Please enter S, C, B or R.

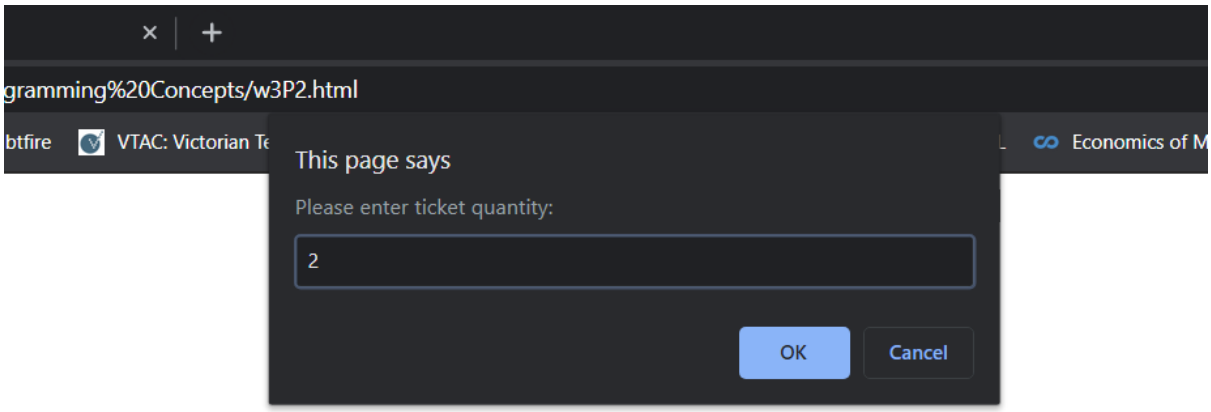
Ticket quantity must be between 1 and 20. Please try again

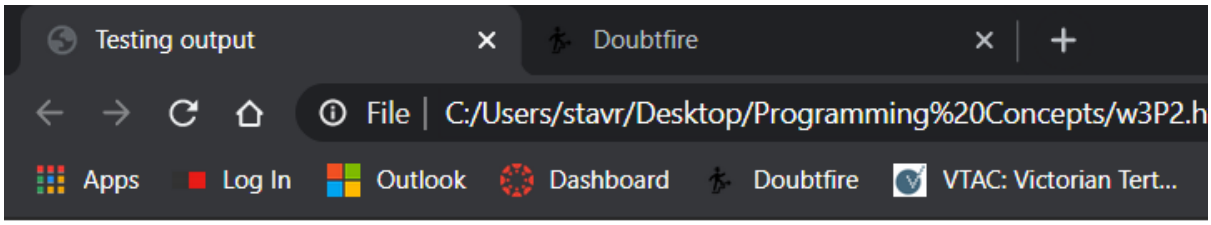
Produced by Mario Stavreski

Pass Task 6 set of screenshots with valid seating category and valid quantity (testing EVERY seating area category, at least 4 screenshots)

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







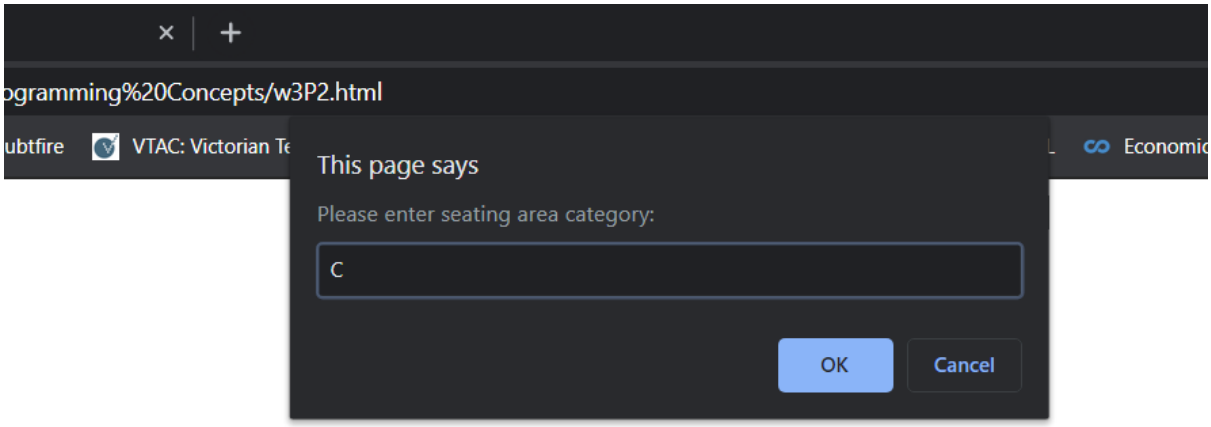
Your seating area is: S

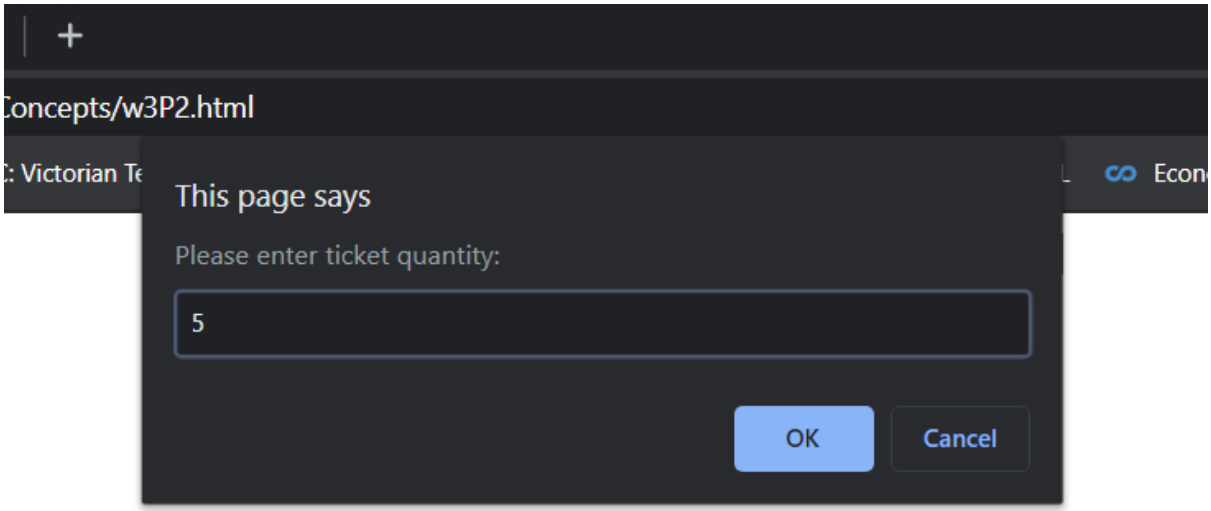
Price per ticket: 180

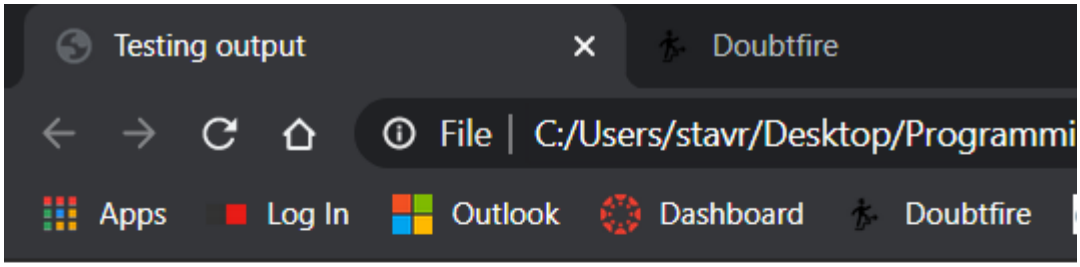
Number of tickets ordered: 2.00

Amount due: 367

Produced by Mario Stavreski


ogramming%20Concepts/w3P2.html
ubtfire
VTAC: Victorian Te
Economic
This page says
Please enter seating area category:
C
OK
Cancel


Concepts/w3P2.html
: Victorian Te
Econ
This page says
Please enter ticket quantity:
5
OK
Cancel



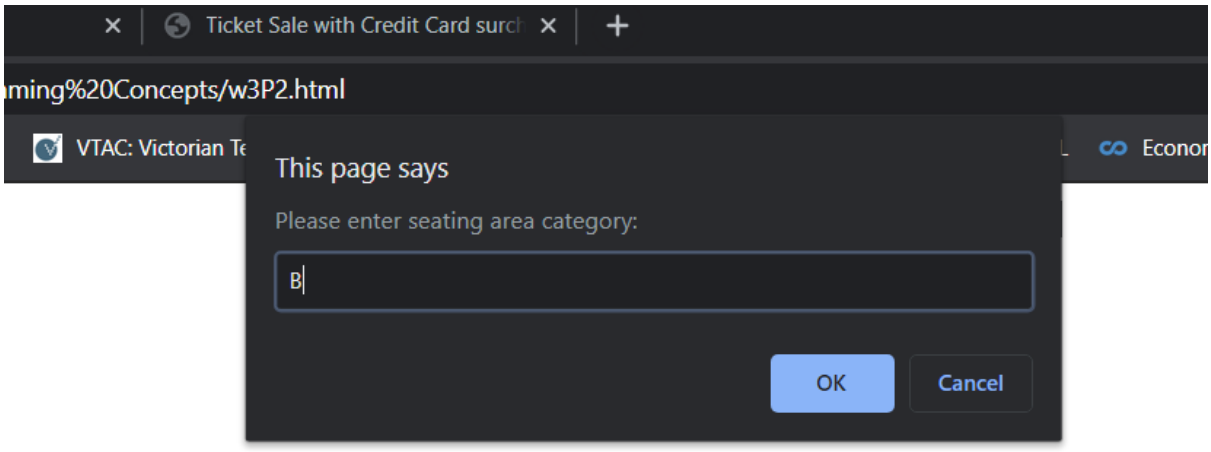
Your seating area is: C

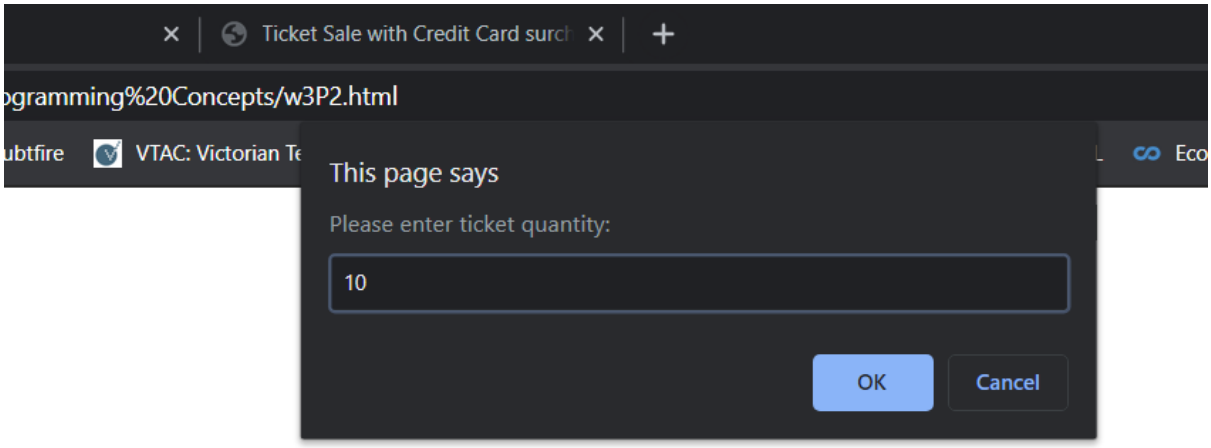
Price per ticket: 150

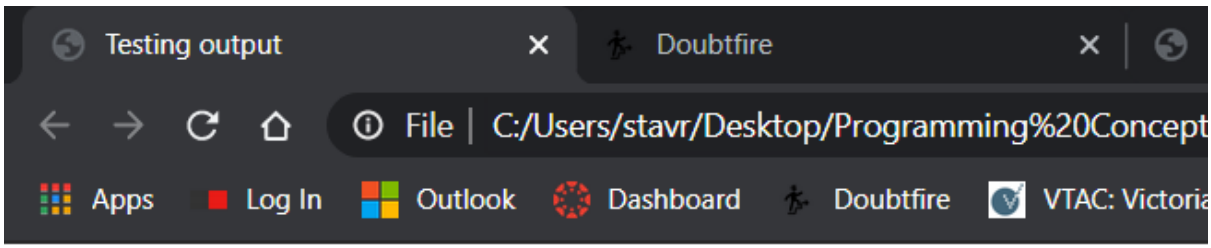
Number of tickets ordered: 5.00

Amount due: 757

Produced by Mario Stavreski







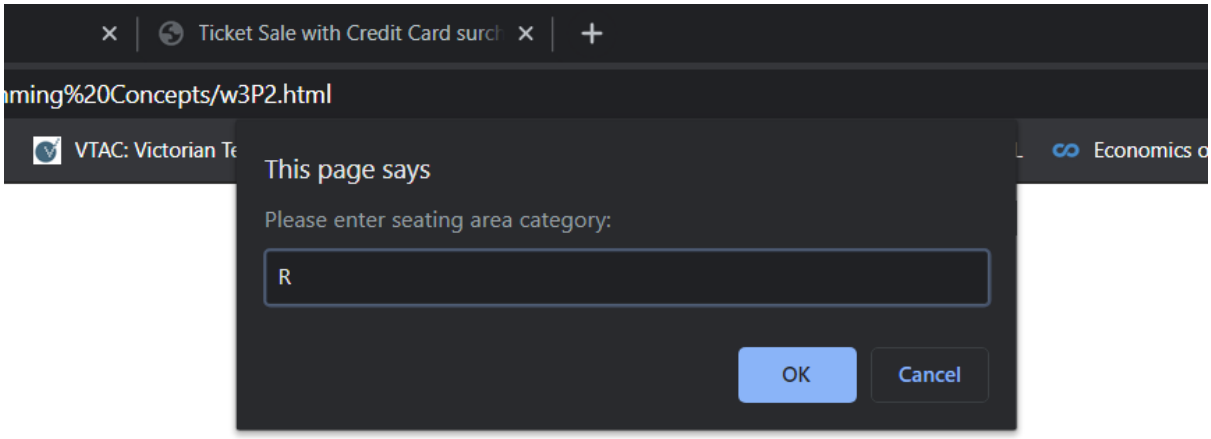
Your seating area is: B

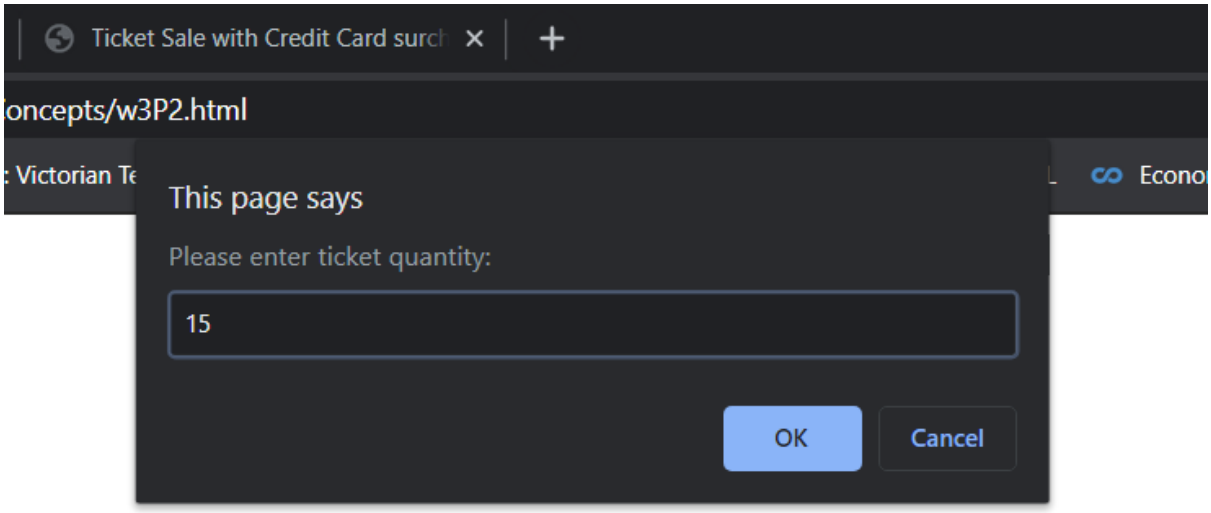
Price per ticket: 100

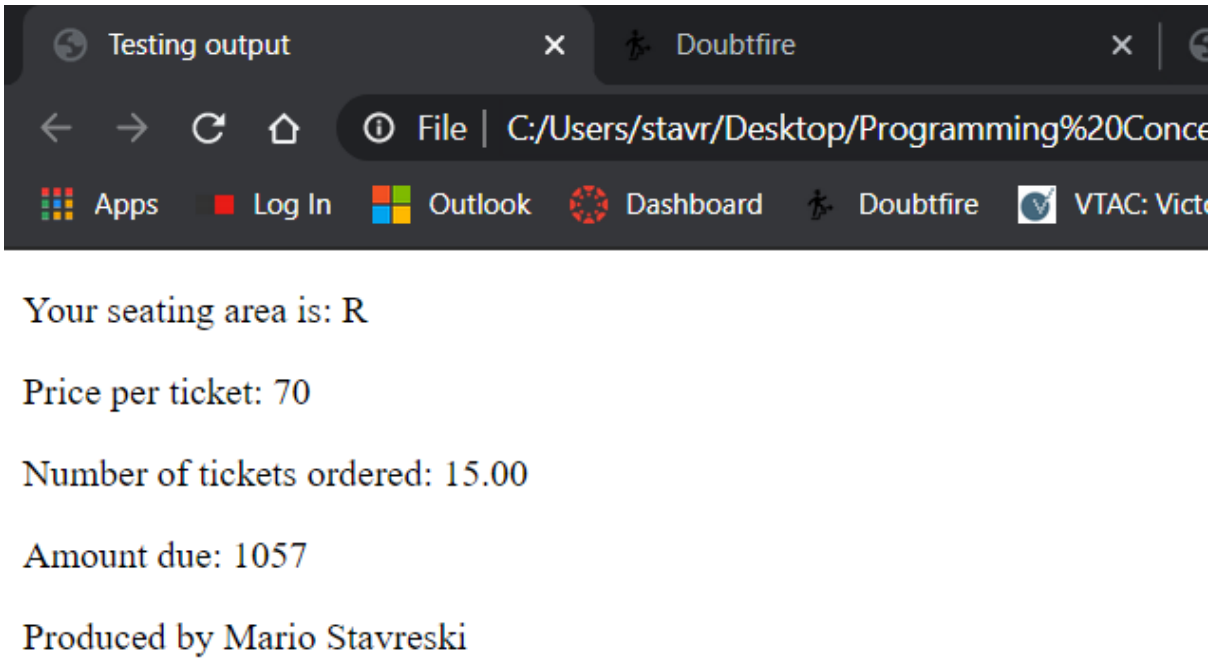
Number of tickets ordered: 10.00

Amount due: 1007

Produced by Mario Stavreski

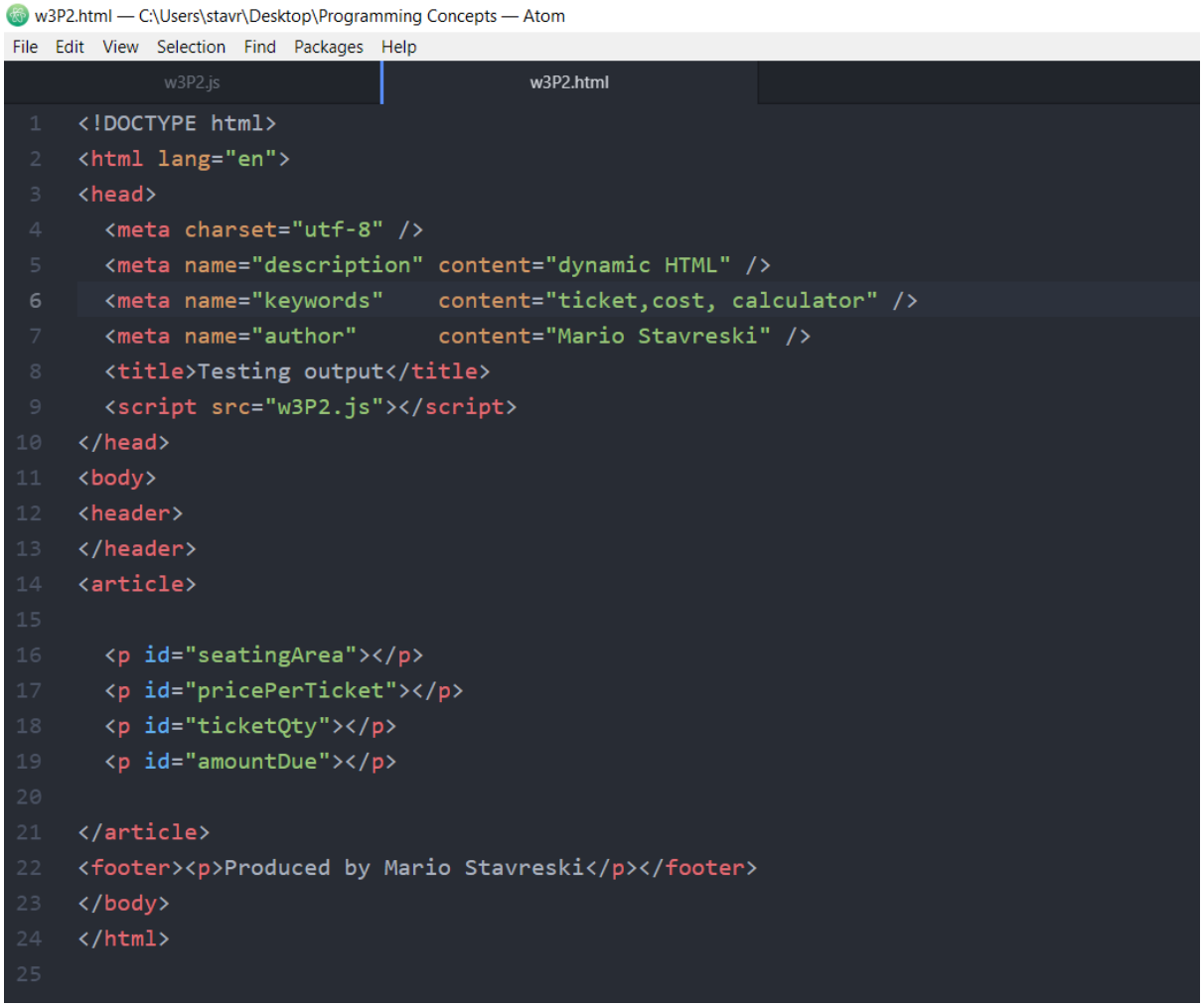






Pass Task 6 html code

Paste the html code of the same page here.



Pass Task 6 JavaScript code

Paste the JavaScript code of the same page here.

w3P2.html | w3P2.js

```
/* Filename: w3P2.js
   Target html: w3P2.html
   Purpose : Calculate the cost of tickets based on seating are and ticket quantity
   Author: Mario Stavreski
   Date written: 28/03/2020
   Revisions:  v1.0
*/


function determineTicketPrice(seatingAreaCategory) { // determines seating category

  var ticketPrice;
  switch(seatingAreaCategory) {

    case "S": case "s":
      ticketPrice = 180; break;
    case "C": case "c":
      ticketPrice = 150; break;
    case "B": case "b":
      ticketPrice = 100; break;
    case "R": case "r":
      ticketPrice = 70; break;
    default:
      ticketPrice = 0; break;
  } // end switch
  return ticketPrice;
}

function totalAmount(ticketPrice, ticketQty) { // calculates total amount due

  return ticketPrice * ticketQty + 7;
}

 function validateQty(ticketQty) { // validates ticket quantity

   if (ticketQty>=1 && ticketQty<=20) {
     return true;
   }
   else {
     return false;
   }
 }

```

```
43
44  function init() {
45    var seatingAreaCategory;
46    seatingAreaCategory = prompt("Please enter seating area category: ");
47
48    var ticketPrice = determineTicketPrice(seatingAreaCategory);
49    ticketPrice = Number(ticketPrice);
50
51    var ticketQty;
52    ticketQty = prompt("Please enter ticket quantity: ");
53    ticketQty = Number(ticketQty);
54
55    var ticketCost;
56    ticketCost = totalAmount(ticketPrice, ticketQty);
57
58    var validQty = validateQty(ticketQty);
59
60  if (validQty && ticketPrice > 0) {
61    var seatOut  = document.getElementById("seatingArea").innerHTML = "Your seating area is: " + seatingAreaCategory;
62    var priceOut  = document.getElementById("pricePerTicket").innerHTML = "Price per ticket: " + ticketPrice;
63    var validQtyOut  = document.getElementById("ticketQty").innerHTML = "Number of tickets ordered: " + ticketQty.toFixed(2);
64    var costOut  = document.getElementById("amountDue").innerHTML = "Amount due: " + ticketCost;
65  }
66  else {
67    if (ticketPrice == 0){
68      var seatingErrorOut = document.getElementById("seatingArea");
69      seatingErrorOut.innerHTML = seatingAreaCategory + " is not a valid seating area category. Please enter S, C, B or R.";
70  }
71    if (validQty == false) {
72      var qtyErrorOut = document.getElementById("ticketQty");
73      qtyErrorOut.innerHTML = "Ticket quantity must be between 1 and 20. Please try again";
74    }
75  }
76    }
77
```