

Course:	INFO1232, Javascript I
Professor:	Daniel Malnati
Project:	Lab 2
Due Date:	Monday, February 1 st 2020 @11:59 pm
Submitting:	FOL Submissions folder, Lab 2
Student Name:	

Lab Description

1. Create a single HTML page using the editor of your choice. Name this page using the following template: your first name followed by an underscore and then "Lab2". For example, "Daniel_Lab2.html".
2. Use the following template as a starting point for your page:

```
<html>
  <head>
    <title>Lab 2</title>
    <h1>IWD Airlines</h1>
    <script>

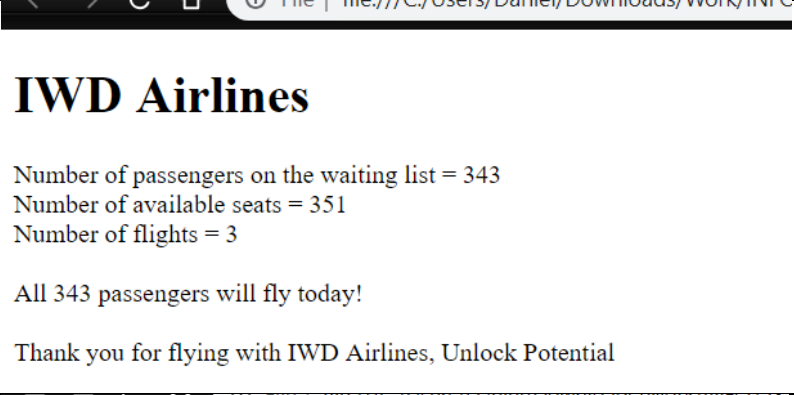
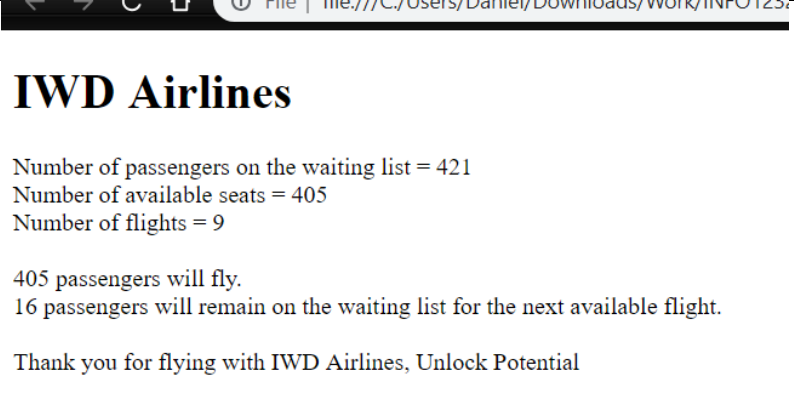
      </script>
  </head>
  <body>
    </body>
</html>
```

3. IWD Students have decided to run their own airline that will fly students between all the Fanshawe campus'. There will be a limited number of flights and seats. Your web page will collect information; then determine the number of flights needed based on the number of passengers and the number of available seats in the flights to determine the number of passengers that can travel using the airline.
Display a pop-up message box showing the following greeting: **"Welcome to The IWD Airline!"**
4. Prompt the user for the following information:

Number of passengers on waitlist:	default is "343"
Number of seats on each flight:	default is "117"
Slogan of the airline:	default is "Unlocking Potential"
5. Calculate the number of flights required (e.g. passengers / seats).
6. IWD Airlines will not schedule a flight if it is less than half-filled. Round the number of flights up or down to return the correct integer value.
7. Calculate the seats available (e.g. flights * seats).
8. Check if the number of passengers on the waiting list is greater than the seats available and, if so, then calculate the number of passengers that will remain on the waiting list.
9. Output the number of passengers on the waiting list, the number of available seats, and the number of flights required for the day.
10. If there are passengers remaining on the waiting list; output the number of passengers that may fly and the number of passengers that will remain on the waiting list. Otherwise, output that all passengers will fly today.

11. Output **"Thank you for flying with IWD Airlines: "** with the **slogan**. See the sample inputs and outputs.
12. Once everything is working, **zip** up your HTML page and submit to **Submissions, Lab2** folder.

Sample Output:

 <p>IWD Airlines</p> <p>Number of passengers on the waiting list = 343 Number of available seats = 351 Number of flights = 3</p> <p>All 343 passengers will fly today!</p> <p>Thank you for flying with IWD Airlines, Unlock Potential</p>	<p><u>Sample Input 1:</u></p> <p>Passengers: 343 Seats: 117</p> <p>Slogan: Unlocking Potential</p>
 <p>IWD Airlines</p> <p>Number of passengers on the waiting list = 421 Number of available seats = 405 Number of flights = 9</p> <p>405 passengers will fly. 16 passengers will remain on the waiting list for the next available flight.</p> <p>Thank you for flying with IWD Airlines, Unlock Potential</p>	<p><u>Sample Input 2:</u></p> <p>Passengers: 421 Seats: 45</p> <p>Slogan: Unlocking Potential</p>

How will my lab be marked?

Marks	What are Marks Awarded For?	Earned
1	Comments <ul style="list-style-type: none"> Page documentation including name, date, purpose Script comments for each process 	
9	Web page runs and meets the lab requirements <ul style="list-style-type: none"> Display a greeting Input is gathered using prompts; variables accurately declared Calculations are correct (number of required flights rounded, seats available) Determine if there are passengers remaining on the waiting list based on seats available Output the number of passengers, available seats, required flights Determine if there are passengers remaining waiting list <ul style="list-style-type: none"> Output passengers that will fly and passengers that will remain on list OR output that all passengers will fly today Output the Thank you message along with the Slogan 	
10	Total	

Remember to zip lab files and submit to Fanshawe Online