**Unit 4 Lesson 8: Conditionals**

**Journal Entry – November 9**



1. I had to create 5 variables

 **var** day;

 **var** age;

 **var** discountCode;

 **var** price;

 **var** ticketText;

2. Then I created an **onEvent** for the orange **calculateButton** and put the text “Create My Ticket” as the text for this button



3. In the **onEvent** I had to put a local **var** to get the text from the **dayDropdown** button

4. In the **onEvent** I also had to put a second local **var** to get the number from the **ageDropdown** button

5. In the **onEvent** I had to put a third local **var** to get the text from the **discountInput** button



My code up to this point looked like this:

6. I now must mention the FREEFRIDAY discount code in my code.

7. I used within the **onEvent**, the **IF** statement to have it say, “**if** the **discountCode** equals “FREEFRIDAY” and the day equals “Friday”, then the price is 0”. So, when I translate that statement into code, it looks like this:



8. Now I add an **else If** statement to translate this statement, “**else if** the **day** equals “Saturday” or the **day** equals “Sunday”, then the price is 10”. The code for that looks like this:



9. Now I must check the age of the person purchasing a ticket. I add an **else if** statement to translate this statement, “**else if** the **age** is less than or equal to 18, then the price is 5”. The code for that looks like this:



10. Finally, the last statement in this **onEvent** as an **else** statement is to translate, “**else** the **price** is 10”. That code looks like this:



11. I now create local **var** in the **onEvent** to say, “the **ticketText** equates to “Day: “ plus **day** plus add a new line for the “\nAge: “ plus the **age** plus add a new line for the “\nPrice: $“ plus **price**”. The result of this will be placed in the Ticket Text Box when the information is input by the user.



The code looks something like this:



12. Finally, I must set the text to the **textOutput** box from the **ticketText** line (21). That code looks like this:



My entire code for this APP looks like this:



**Summary**

This took me awhile to complete, but through trial and error, I finally got the code to work.

**What was hard?** Setting the code to line 21. I kept forgetting the quotation marks.

**What I learned:** to be patient and to read and re-read my code.

**What I did NOT understand:** I think I understood it all, it was just a matter of debugging my code as I went along.