My sister competes in triathlons. Please create a program to keep track of her events. You must use the *switch* statement to drive the menu and you must use if statements inside each case to validate the user's input.   You can model your program after Program 4-27 in your textbook.  To help you get started, I have included an example of psuedocode for a menu here in Lesson 4 folder.

**Programming Requirements:**

Display a list of the following triathlons:

**1.  La Jolla Juniors**

**2.  San Francisco Bay**

**3.  Seattle Freeze Off**

**4.  Vancouver Snow Bunnies**

**5.  Exit Reservation Menu**

Prompt for and input the user's choice.

For each menu option chosen (except 5), do the following.

display the triathlon name, date, cost to participate (make them different for each show) and cost for event t-shirt.

prompt for and input the athlete's name

prompt for and input the athlete's age

if their age is a negative number, then give an error message, prompt and input again.  Here's the pseudocode for that:

*if(age<0)*

*cout error message*

*prompt for age*

*cin age*

*endif*

prompt for and input the size of t-shirt desired

if the size is not S, M, L XL, or XXL then give an error message, prompt and input again,  *(same pseudocode as above, except test size)*

prompt for and input the number of event t-shirts desired

if the number of tshirts is negative then give an error message, prompt and input again*(same pseudocode as above, except test number)*

calculate the total price to exhibit (total = cost + (number of t-shirts) X price

Output:

event name

athlete name

number of t-shirts desired and the size

total price to participate