

Wanyi Ye (wy13)
Renqin Yang (ry13)

Wednesday, 12 April 2017

Project 6

SQL Application

Section 1: Load/Save

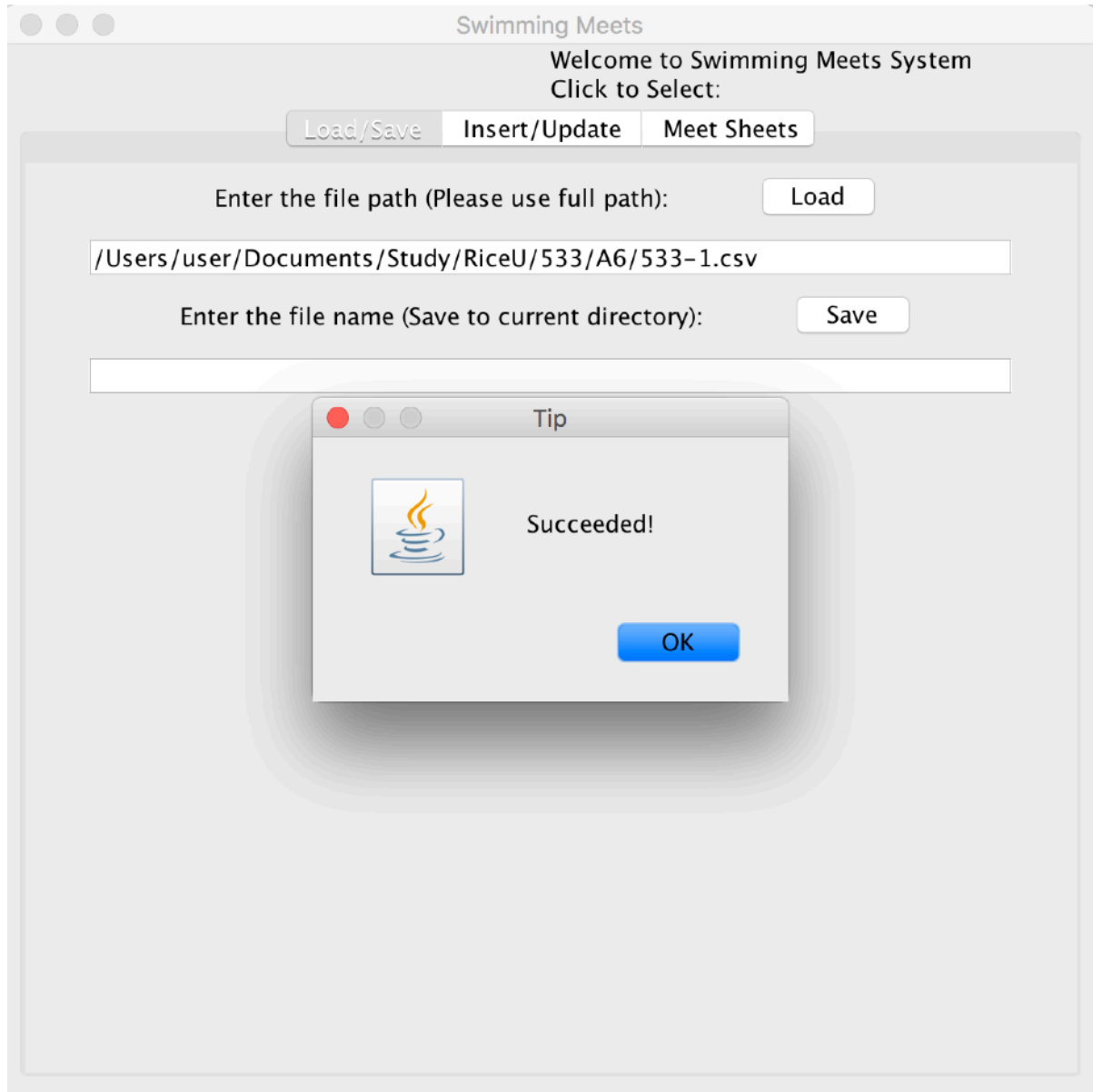
The screenshot shows a window titled "Swimming Meets". Inside the window, there is a header area with the text "Welcome to Swimming Meets System" and "Click to Select:". Below this, there are three tabs: "Load/Save" (which is selected and highlighted in blue), "Insert/Update", and "Meet Sheets". The "Load/Save" tab contains two input fields. The first input field is labeled "Enter the file path (Please use full path):" and has a "Load" button next to it. The second input field is labeled "Enter the file name (Save to current directory):" and has a "Save" button next to it. Both input fields are currently empty.

1. Load From File:

Using absolute/full path only!

for example:

/Users/user/Documents/Study/RiceU/533/A6/533-1.csv



2. Save To File

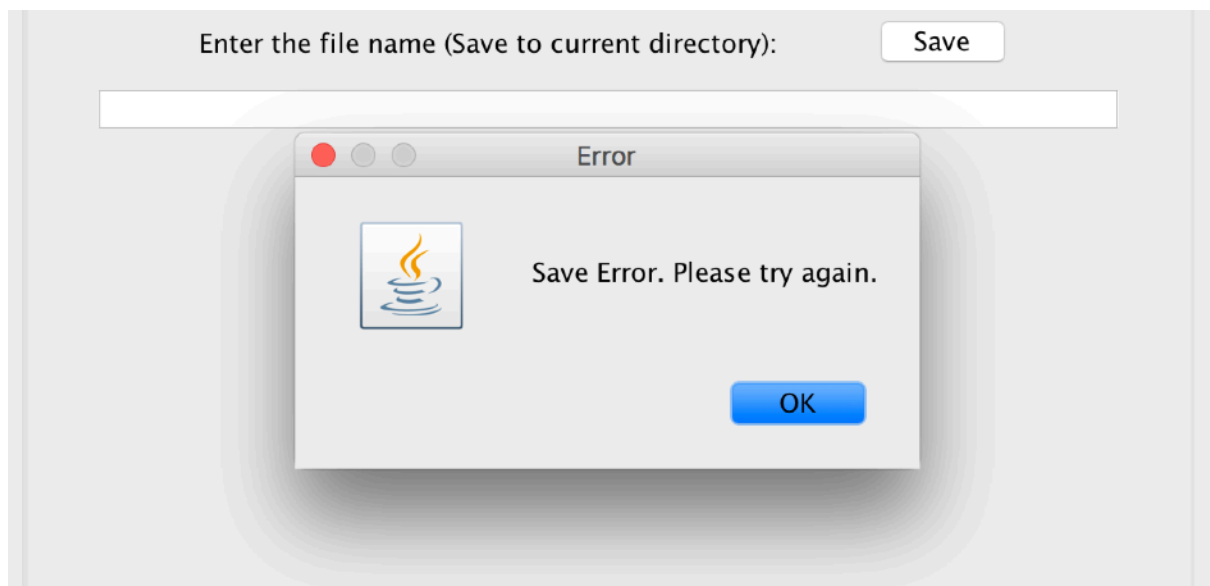
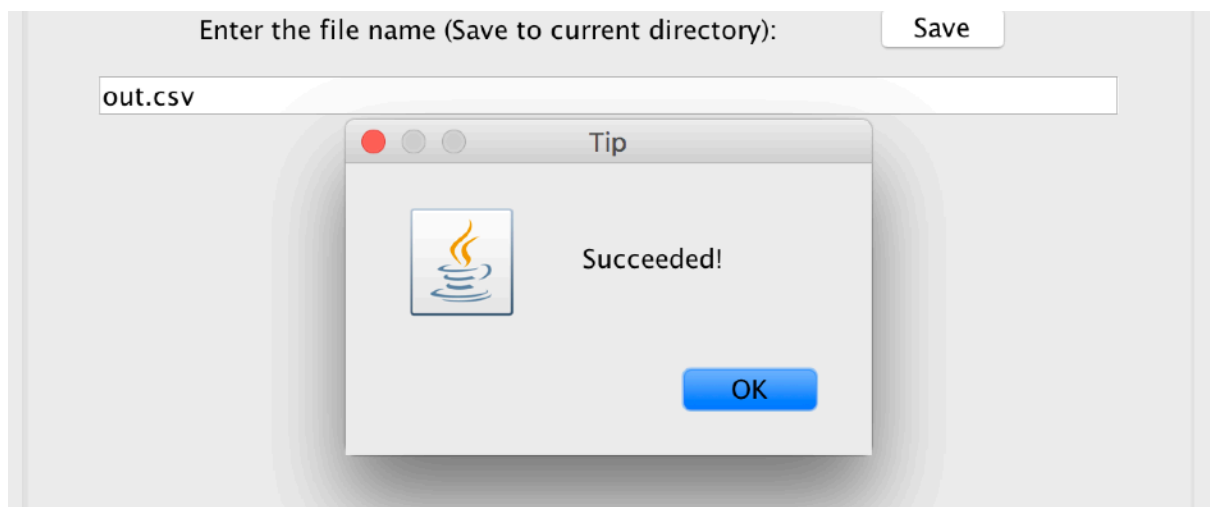
Using relative path

Just enter file name you want, file will be generated at current working directory.

Note that the file name should end with .csv

for example:

out.csv



Section 2: Insert/Update

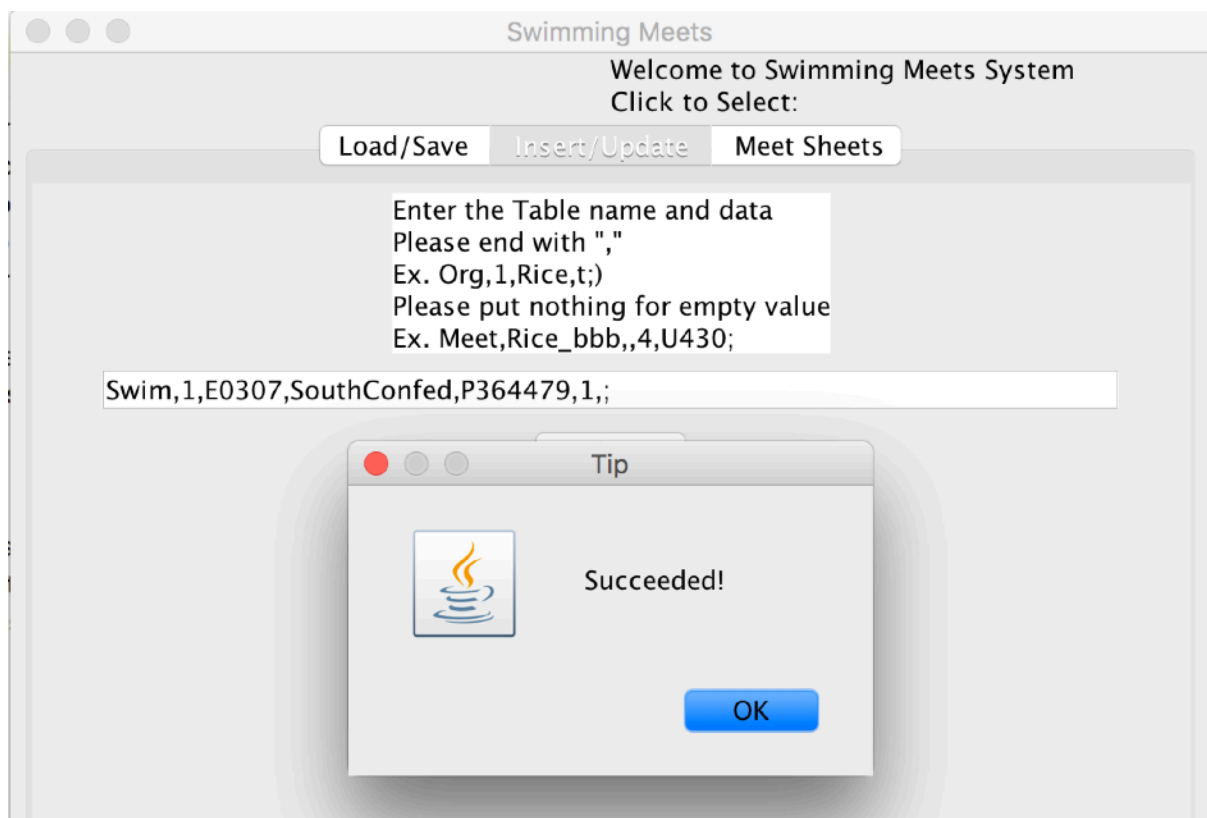
Insert:

Insert data with missing value

for example:

Swim,1,E0307,SouthConfed,P364479,1,;

Meet,Rice_bbb,,4,U430;

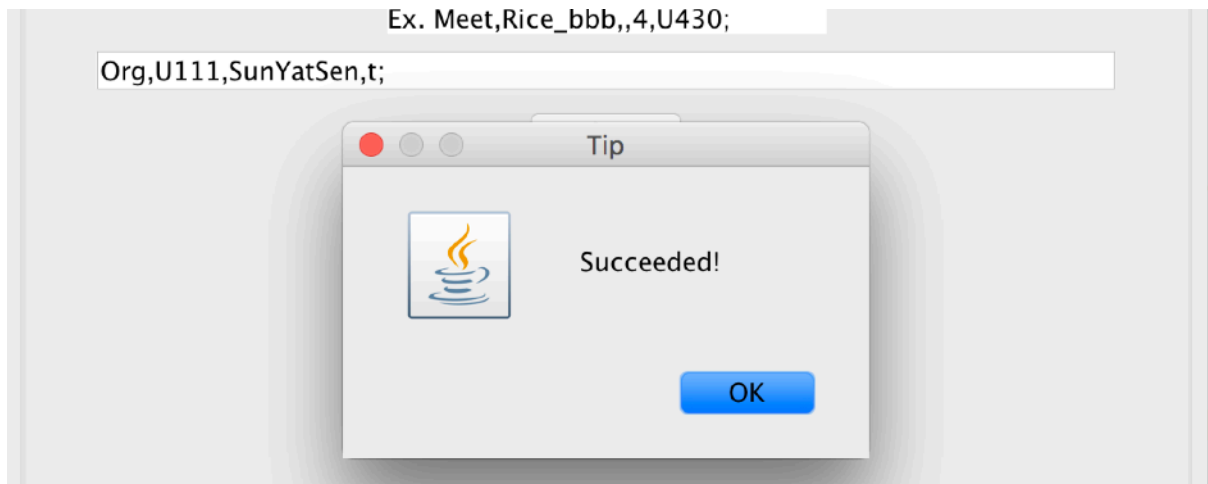


Success:

You will get an alert on Success.

for example:

Org,U111,SunYatSen,t;

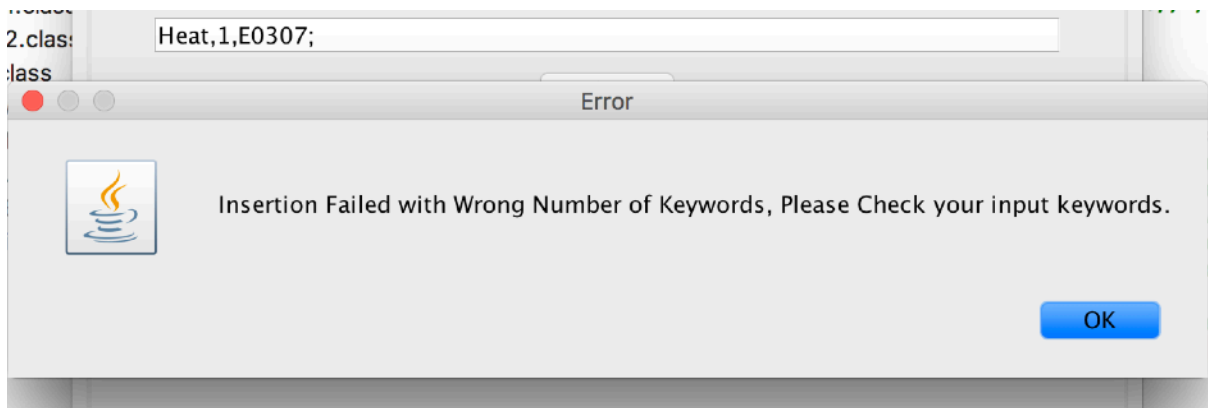


Error type 1:

Wrong number of keywords

you will get an error alert about wrong number of keywords

Heat,1,E0307;



Error type 2:

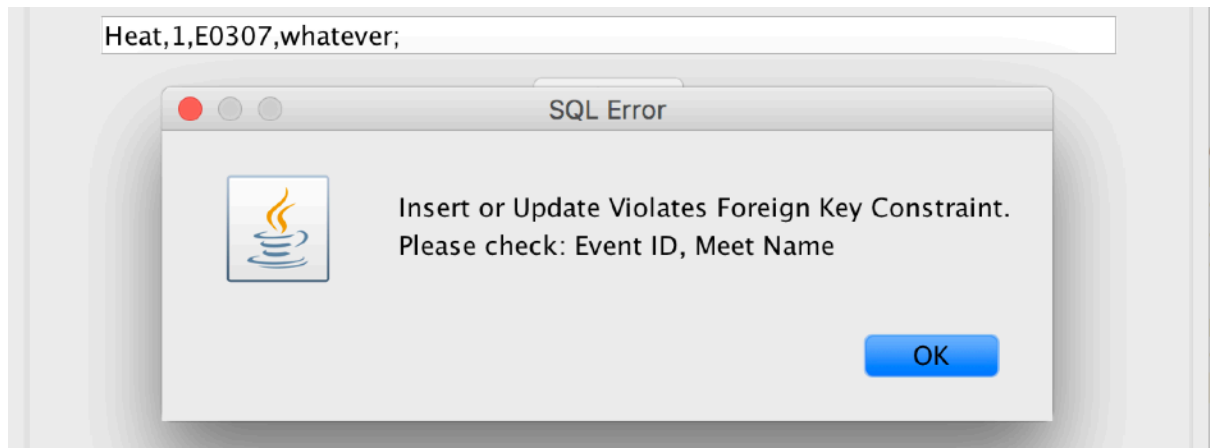
Violate FOREIGN KEY constraint

you will get an error alert about Violates FOREIGN KEY Constraint

for example:

Heat,1,E0307,whatever;

Swim,1,E0307,whatever,P364479,1,13.5657;



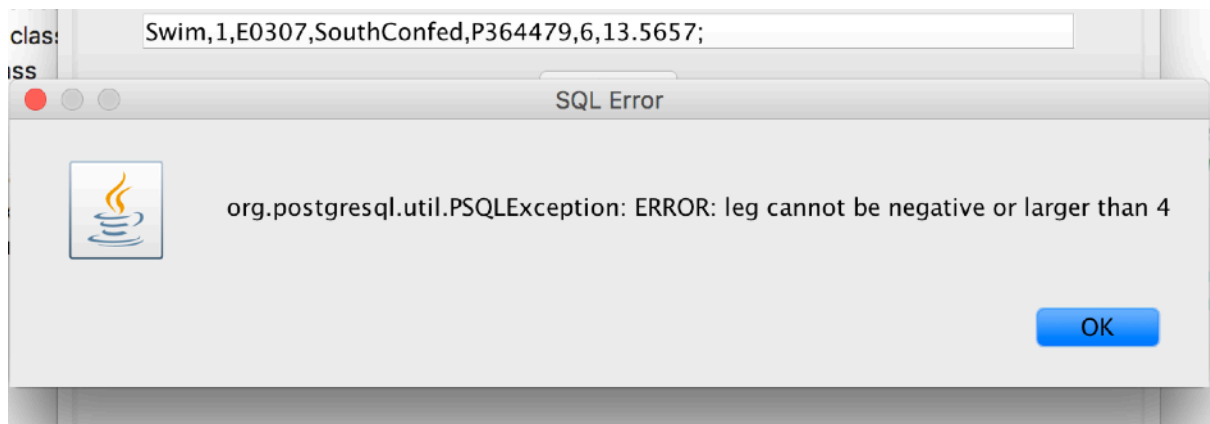
Error type 3:

Duplicate leg number, will throw SQL Exception

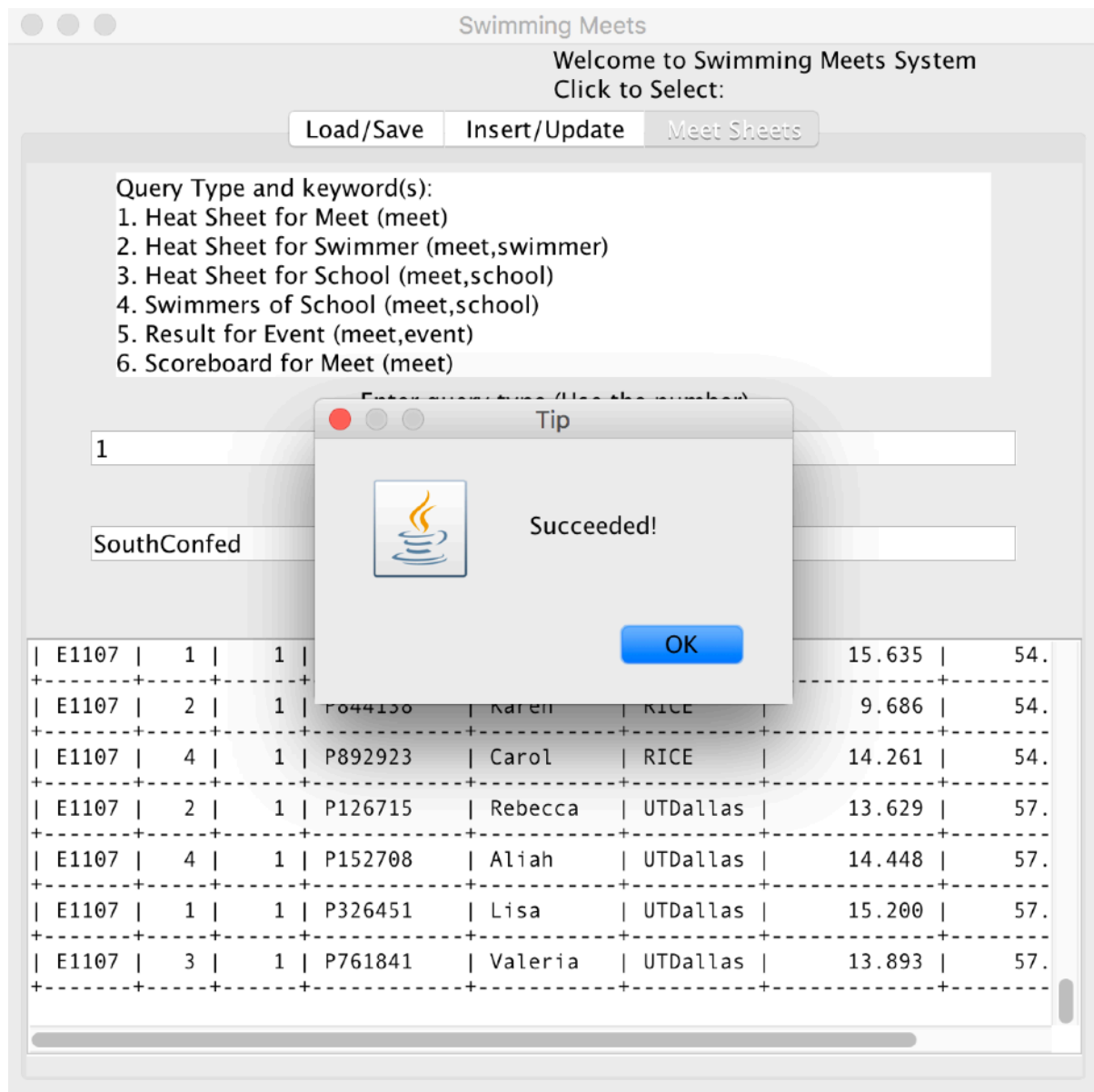
you will get an error alert 'leg cannot be negative or larger than 4'

for example:

`Swim,1,E0307,SouthConfed,P364479,6,13.5657;`



Section 3: Meet Sheets



Error type 1:

Wrong query type

* enter not number character in first text Field

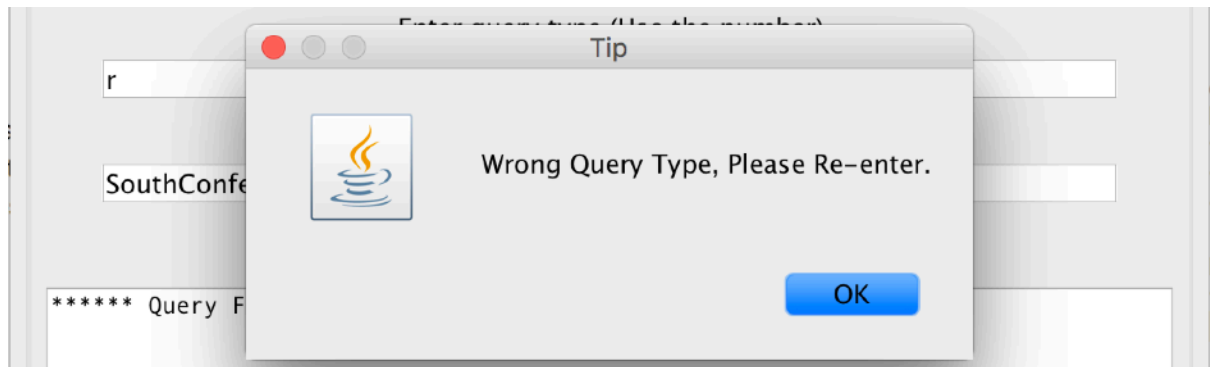
* enter number < 1 or > 6

you will get an error type about wrong query type

for example:

r

8



Error type 2:

Wrong number of query keyword

you should get an error alert about wrong number of keyword(s)

for example:

2

Rice Invitational

