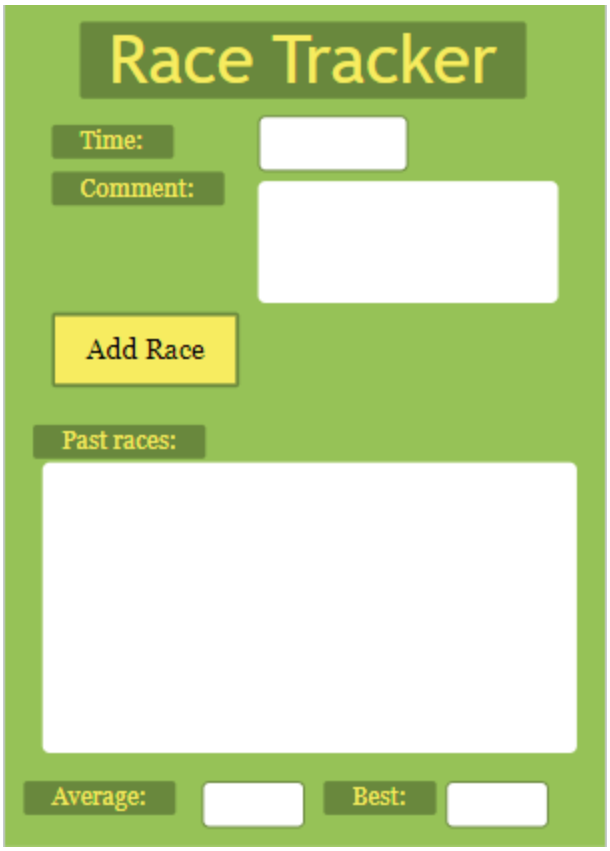
1. Create the following design:



2. Data side:
    a. Now click the data tab
    b. Create a new table - call it TrackTimes
    c. Add the columns time and comment and create 2 rows as shown below:

TrackTimes

Clear table | Import csv | Export to csv

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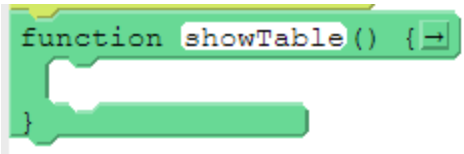
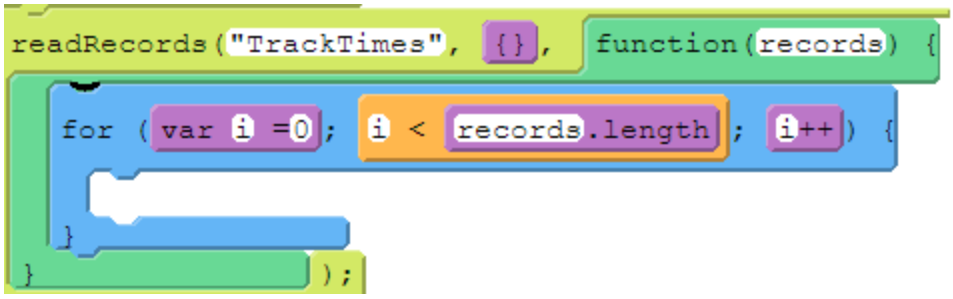
id	time	comment		Actions
#	enter text	enter text		Add Row
1	14.22	"81 degrees, too hot."		Edit Delete
2	13.55	"Good race."		Edit Delete

3. Because we are going to tell the table to be shown in the text area in a couple of places (when it starts and when we add times), lets make a function.
    a. Drag function over - rename it showTable



    a. Create a variable raceTimes, set it equal to "".
    b. Now bring over Data - readRecords. It nicely has lots of good stuff with it (a for loop that goes through the array records - instead of myTable, change it to TrackTimes and remove the console.log line



    c. Now lets make raceTimes equal to itself plus the next record it reads in. This is easiest in show text. It is a tough line (below). Key things here, each time, I'm adding the id, time and comment.

```
raceTimes = raceTimes + records[i].time + " - " + records[i].comment + "\n";
```

Then "**\n**" which means a new line.

    d. Now put this in the text area.

```
function showTable() {
  var raceTimes = "";
  readRecords("TrackTimes", {}, function(records) {
    for (var i =0; i < records.length; i++) {
      raceTimes = raceTimes + records[i].time + "
      setText("text_area1", raceTimes);
    }
  });
```

4. Have the function called when the program begins. Draw myFunction and (rename it showTable) to the beginning of your program.

```
showTable();
```

5. Let's add the ability to add a race -> times/comments to our app.
   a. If they hit the button (addRaceButton for me)
   b. Save time and comment as variables (Ill called them timeValue and commentValue)

```
var timeValue = getText("timeInput");
var commentValue = getText("commentInput");
```

   c. Now we want to save that in our online table.
      i. Drag over createRecord and change myTable to TrackTimes

```
createRecord("TrackTimes", {name:'Alice'}, function(record) {
  
});
```

      ii. We want to add timeValue and commentValue, so we say update our command to the following:

```
createRecord("TrackTimes", {time:timeValue,comment:commentValue}, function(record) {
  
});
```

   d. Lets call our function `showTable();` again so it will show up.

```
onEvent("addRaceButton", "click", function() {
  var timeValue = getText("timeInput");
  var commentValue = getText("commentInput");
  createRecord("TrackTimes", {time:timeValue,comment:commentValue}, function(record) {
  });
  showTable();
});
```

100 meter
  12.5: Felt tight
  13.7: Threw up at the end
400 meter relay
  48.5: John was super fast today
  49:7: Nobody ran well

```
function findTotal() {
  var total=0;
  readRecords("hours", {}, function(records) {
    for (var i =0; i < records.length; i++) {
      total = total+ records[i].hoursWorked;
    }
    setText("totalHoursOutput", "Total hours is " + total);
  });
}
```