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| **Criteria for Evaluation** | | **Points** | |
| **Exercises** | | **Subtotal: 10** | |
| 13-1, Review the Task List app and use its database class | | 3 | |
| 13-2, Use the SQLite Database Browser | | 3 | |
| 13-3, Modify the database class for the Task List app | | 4 | |
| **Code** | | **Subtotal: 35** | |
| A user can choose a location for tide predictions. | | 5 | |
| There are at least three location choices and they all work. | | 3 | |
| A user can choose a date for the tide prediction. | | 5 | |
| Data is stored in the database and not re-loaded if it is already stored. | | 6 | |
| The ListView is in a 2nd activity | | 7 | |
| The Date, Day, Time and Height are displayed in the ListView, each in separate columns. | | 6 | |
| At least one full day’s worth of tide information is shown for each selection. | | 3 | |

Comments:

|  |  |
| --- | --- |
| **Code Quality** | **Subtotal: 5** |
| Does the program run without throwing exceptions or crashing? | 2 |
| Is there good “separation of concerns”, for example, is parsing handled in a separate class? | 1 |
| Is proper indentation used? | 2  (one point deducted for each “no” answer) |
| Are the UI elements named according to convention (example: incrementButton)? |
| Are Java variables, constants, methods, and classes named using descriptive names and correct casing? |
| Have any unnecessary lines of code or files been removed? |
| Are there explanatory comments in the code? |
| Are all other good object oriented programming practices followed? |

Comments:

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| --- | --- |
| **Total** |  |