

We've worked with planning before. You can review the planning instructions from Placement 4 here: [README](#). **Do not use the old template!** There is a new template file for this assignment, found here: [table-plans-template.xml](#)

The task remains fundamentally the same: use the blocks to express a high-level plan for the given functions in the assignment.

This time the interface looks a bit different. Below are the changes and new features. For anything not in this list, refer to the original instructions.

- **You are no longer editing individual block definitions; all of your plans will go in the main workspace.**

For each problem in this assignment, there is a block in the middle part of the screen corresponding to the function you are being asked to write.



Your plan should go in that gap.

- We have replaced the higher-order functions on lists with functions on tables. These can be found in the categories marked "Tables" in the left-hand side of the interface (the "palette").



- The empty block () can be useful if you ever find yourself unable to otherwise insert prose descriptions or certain blocks.



- The named-value block () is used to give names to intermediate values. You can change the name of the value by clicking on it. You can then drag-and-drop the name like any other block.



- The conditional block () allows for basic conditional logic. Results for "true" and "false" should go in the corresponding gaps.

- The lambda block () has an input (here its "row") and a hole to fill in the body. The input can be renamed by clicking on it, and can be dragged-and-dropped.



- The named function block () allows you to define helper functions and give them names. The name of the function can be changed by clicking on it. The body of the helper function should go in the gap.