CS4322 Homework 1
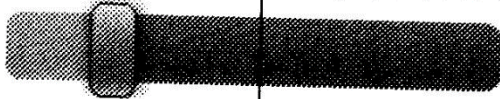
Requirements

Develop an Android tip calculator app. The layout is shown as follows:

Rows and columns in a `TableLayout`

	column 0	column 1	column 2	column 3
row 0	Bill total	0.00		
row 1		10%	15%	20%
row 2	Tip	0.00	0.00	0.00
row 3	Total	0.00	0.00	0.00
row 4	Custom	▬▬●▬▬▬▬	18%	
row 5	Tip	0.00	Total	0.00

The application will react whenever the state of a control changes.

The rubric used to grade the homework are summarized as follows:

- The app react whenever the state of a control changes   50 points
- Frontend Layout   20 points

- Fixed tip and total calculation   10 points
- Custom tip and total calculation   10 points
- Others (such as bugs, etc.)   10 points

There are several important points that are general requirements for homework in this course:

- Use a separate Android Studio project for each lab, unless otherwise instructed.
- Include a comment at the beginning of each source file (.java files) you submit that includes your name and the lab date.
- Names for variables and other program components should be chosen to help convey the meaning of the variable.
- Turn in an archive of the entire Android Studio project for each lab. Do not attempt to turn in individual files, some course management systems mangle such files.

Submit your work using the appropriate link in Desire2Learn.