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Tutorial Proposal

For my tutorial, I am creating a component that adds a menu in which filter components can be created based on the needs of the consumer. The types of filters include value sliders and dropdown menus in which the value of a certain attribute can be selected. A side effect of me creating these filters is I also created a function that can build product cards based on the product object provided. I may or may not include this subcomponent in my final draft. The filter menu is accessed by clicking on a button, and then the menu is in a side panel that slides out. I may have the filter menu already visible in desktop mode, and then only have the side panel for smaller width screens. Currently, the filters are not stackable, so only one can work at a time. The products are also filtered immediately; I will likely add an "apply" button so it behaves more like a form, thus making filters more easily stackable. The slider is for continuous numerical ranges such as price or year made. The dropdown button menus are for lists of discrete values that pertain to one attribute of the product/object. In the consumer-oriented version of my component, the parameters of these filters can be specified. The slider will need to be given a max value, min value, default value, the variable to track, and the direction/value of the filter point (the value the object needs to be $>$, $>=$, $<=$, or $<$ than. As for the dropdown buttons, the intended attribute needs to be provided, and then the button for each value can be created.