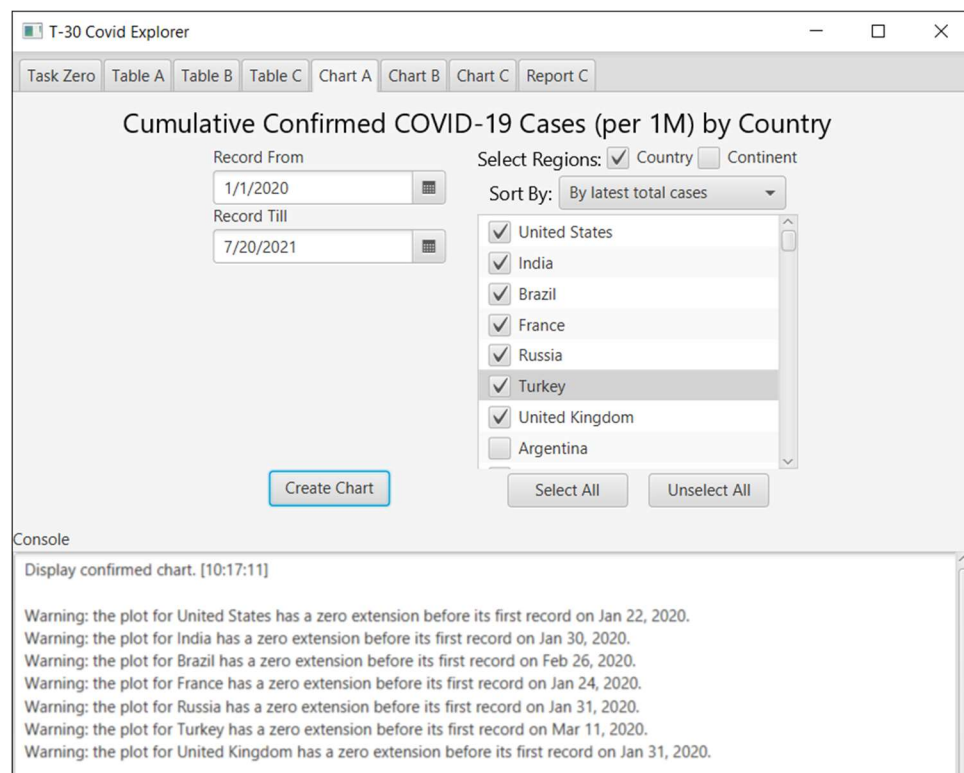
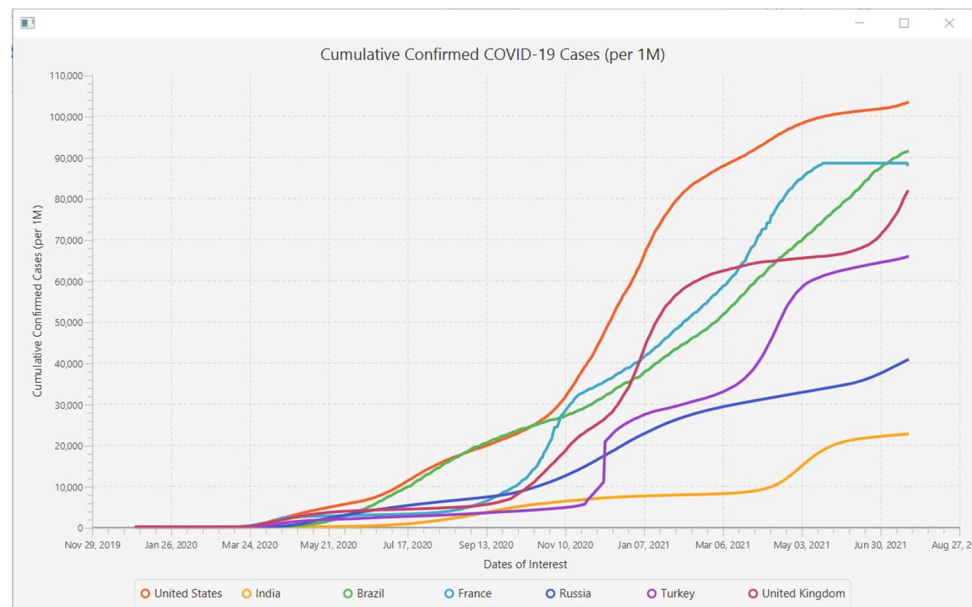


Task A2 Sample input:



Task A2 Sample output:



Task A2 additional feature for sorting locations by attribute of interest in the selection filter:

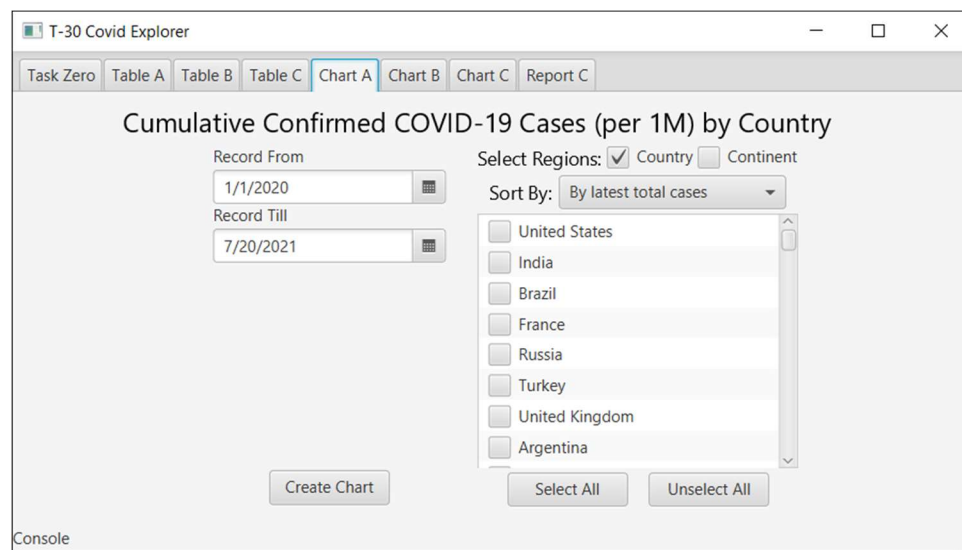
(Sort by continent in ascending order)

The screenshot shows the 'T-30 Covid Explorer' application window. The 'Chart A' tab is selected. The main title is 'Cumulative Confirmed COVID-19 Cases (per 1M) by Country'. On the left, there are date pickers for 'Record From' (1/1/2020) and 'Record Till' (7/20/2021). On the right, the 'Select Regions' section has checkboxes for 'Country' and 'Continent', both of which are checked. Below this, the 'Sort By' dropdown is set to 'By continent'. A list of regions is displayed, with 'Africa' selected (checked). Other regions listed include Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, and Cameroon. At the bottom right of the region list are 'Select All' and 'Unselect All' buttons. A 'Create Chart' button is located at the bottom left of the main content area. The 'Console' label is visible at the bottom left of the window.

(Sort by location name in ascending order)

The screenshot shows the 'T-30 Covid Explorer' application window. The 'Chart A' tab is selected. The main title is 'Cumulative Confirmed COVID-19 Cases (per 1M) by Country'. On the left, there are date pickers for 'Record From' (1/1/2020) and 'Record Till' (7/20/2021). On the right, the 'Select Regions' section has checkboxes for 'Country' and 'Continent', both of which are checked. Below this, the 'Sort By' dropdown is set to 'By name'. A list of regions is displayed, with 'Africa' selected (checked). Other regions listed include Afghanistan, Albania, Algeria, Andorra, Angola, Anguilla, and Antigua and Barbuda. At the bottom right of the region list are 'Select All' and 'Unselect All' buttons. A 'Create Chart' button is located at the bottom left of the main content area. The 'Console' label is visible at the bottom left of the window.

(Sort by latest total confirmed cases in descending order)



(Sort by latest total confirmed cases per million in descending order)

