## checking user answers

* Mainactivity passes a map <String, Int> to rvadapter, where the string is pizza topping; int is 0-3, where the ints represent the following:

|  |  |  |  |
| --- | --- | --- | --- |
| 0 | 1 | 2 | 3 |
| Not present, user hasn’t selected (color remains unchanged) | Present, user hasn’t selected (yellow) | Not present, user selected (red) | Present, user selected (green) |

* When a new pizza is requested, mainactivity passes a map to rvadapter which has all Int = 0 so the background colors of all the topping items displayed in the rv is neutral.
* As user clicks on toppings to select / deselect them, mainactivity keeps track of a map of <String, Boolean>, where String is a topping; Boolean is whether user has selected it.
* When user clicks “check answers”, mainactivity checks above map against a map of correct answers and produces finalMap<String, Int> which is passed into rvadapter. finalMap has Int from 0-3 as defined in the above table.