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/** Returns a new, possibly smaller, two-dimensional array that contains only rows from array2D
* with no zeros, as described in part (b).
* **Precondition:** array2D contains at least one column and at least one row with no zeros.
* **Postcondition:** array2D is unchanged.
*/

```
public static int[][] resize(int[][] array2D) {  
    int[] smaller = new int[numNonZeroRows(array2D)][array2D[0].length];  
    for (int i = 0; i < array2D.length; i++) {  
        if (isNonZeroRow(array2D, i)) {  
            index = array2D[i];  
            smaller[index] = array2D[i];  
            index++;  
        }  
    }  
    return smaller;  
}
```

Begin your response at the top of a new page in the separate Free Response booklet and fill in appropriate circle at the top of each page to indicate the question number. If there are multiple parts to this question, write the part letter with your response.

Class information for this question

public class ArrayResizer

```
public static boolean isNonZeroRow(int[][] array2D, int r)  
public static int numNonZeroRows(int[][] array2D)  
public static int[][] resize(int[][] array2D)
```

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```
for (int i = 0; i < array2D.length; i++) {  
    smaller[i] = array2D[i];  
    smaller[index] = array2D[i];  
    index++;  
}  
  
}  
  
return smaller;
```