```
/*** Sums across all rows in the matrix
 * @param m The matrix
 * @return Array of sums for each row
 */
```

public static double[] rowSum(double[][] m)

double[] result = new double[m.length];
int i = 0;

i < m.length?

No → return result; → End

Yes

result[i] = 0;
int i = 0;

j < m[0].length?

No → i++

Yes

result[i] = result[i] + m[i][j];

j++