

```
/** 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++
```

