

```
/* Transposes a double matrix
 *
 * @param m The matrix
 * @return Transposition of m
 */
```

```
public static double[][] matrixTranspose(double[][] m)
```

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

i < m.length?

No

return result;

End

Yes

```
int j = 0;
```

j < m[0].length?

No

```
i++
```

Yes

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

```
j++
```