```
/* Multiplies the corresponding elements of a double matrix
*
* @param m1 First matrix
* @param m2 Second matrix
* @return Multiplied matrix */
```

public static double[][] elementMultiply(double[][] m1, double[][] m2)

double[][] result = new double[m1.length][m1[0].length];
int i = 0;

i < m1.length?

return result;

End

No

Yes

int j = 0;

j < m1[0].length?

No

i++

Yes

result[i][j] = m1[i][j] * m2[i][j];

j++