```
/* Performs linear transformation on a double vector
*
* @param m The vector
* @param k Scalar
* @param d Add value
* @return Transformed matrix
*/
```

public static double[] linearTrans(double[] m, double k, double d)

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

i < m.length ?

return result;

End

No

Yes

result[i] = m[i] * k + d;

i++