Matríz Diagonal Dominante

```
A = [9, 0, 0, 0; -1, 11, 3, 3; 1, -2, -3, -4; 10, 10, -10, 10];
B = [4, 1 1; 2, 8 -3; 3, 2, 9];
y = esDiagonalDominante(A)
```

```
y = logical
   0
```

```
z = esDiagonalDominante(B)
```

```
z = logical
   1
```

```

```

```
function y=esDiagonalDominante (A)
    [n, m]=size(A);
    if n~=m, error('no es matriz cuadrada'), end
    y= all(2*abs(diag(A)) > abs(sum(A,2)));
end
```