```
01  function applyStencil( A, b, i, j)
02      row = index(i, j)
03      A[row, index(i+1, j)] = 1/(h*h)
04      A[row, index(i, j)] = -2/(h*h)
05      A[row, index(i-1, j)] = 1/(h*h)
06      ...
07      b[row] = q[i, j]
08
```