Nguyen Xuan Binh 887799	Exercise Sheet 11
Exercise 3: Let	1 Compute by hand the QR decomposition of the matrix A
A = 1 0 and $b = 0$	O and use it to solve the least-squares problem
	$ \begin{array}{c c} & \text{min} & A \times - b ^2 \\ & \times \in \mathbb{R}^2 \end{array} $
D Gram-Schmidt orthogonaliza	
$A = 10 = \overrightarrow{v}_1 = \overrightarrow{v}_1$	
	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$=) q_{1} = \frac{\vec{\lambda}_{1}}{ \vec{\lambda}_{1} } = \frac{1/\sqrt{2}}{1/\sqrt{2}}$	$\frac{1}{92} = \frac{1}{102} = -\frac{16}{6} = \frac{1}{12} = \frac{1}{12} = \frac{1}{16} = \frac{1}{12} = \frac{1}{12} = \frac{1}{16} = \frac{1}{12} = \frac{1}{16} = \frac{1}{12} = \frac{1}{16} = \frac{1}{16$

