** Find solutions of the following questions in Matlab:

Question 1:

Solve following problem by using FEM $-\frac{d^2u}{dx^2} - u = x^2$ with u(0)=0, u0)=1 ,by using step size of h=0.25 for $0 \leq x \leq 1$.

Question 2:

Solve following problem by using FEM $-\frac{d^2u}{dx^2} - 2u = x^2$ with u(0)=0, u0)=1 ,by using step size of h=0.25 for $0 \leq x \leq 1$