1. Write Scilab code for performing Gaussian elimination without pivoting to solve system $A\vec{x} = \vec{b}$. Assume the inputs are a square matrix A and vector \vec{b} .

Il formand reduction

A(i,:)= A(i,:)- mu H > A(i,:);

b(i) = b(i) - multab(s);

end

11 backward substitution

temp = O;

temp = temp + A(k, s) · X/s)

end

Return X.