1. Define a function allowing the user to write the coefficients of A. `matrix()`
2. Define a function allowing the user to write the coefficients of b. `vector()`
3. Define a function that checks that A and b have correct dimensions (number of rows of A = number of rows of b). `check_dimensions(A, b)`
4. Define a function that takes a matrix and check if it is a squared matrix. `check_squared(A)`
5. Define a function that takes a squared matrix and calculate its determinant. `det(A)`
6. Define a function that takes a matrix and gives its matrix of minors. `minor_coef(A,i,j)`, `minors(A)`
7. Define a function that takes a matrix of minors and gives a matrix of cofactors. `cofactors(A)`
8. Define a function that takes a matrix and gives its transpose. `transpose(A)`
9. Code a function that gives the inverse of a matrix. `inverse(A)`
10. Define a function that take a matrix A, a vector bb and gives the vector x solution of Ax=b. `solution()`