This method inverts matricies by first taking a matrix an an input, checking if it is a square matri. Then it creates a matrix for the result and calculates the inverse of the given matrix column by column. To get each column it does gaussean elimination on the given matrix and the result vector where all entries are 0 except for entr i where i is incrimented for each row in the given matrix. Every time it does the gaussean elimination it checks for thrown errors. if it catches one it throws a new error saying that the matrix cannot be inverted.