Name $\qquad$ Linear Algebra; Quiz 4

An $n \times n$ matrix is known to have full column span, that is, its columns span the largest possible space among all $n \times n$ matrices. In a numbered list state everything you can about this matrix and/or anything that is related.
(For full credit you should have at least 5 "interesting" facts. Each additional fact will be given additional, but diminishing, credit.)

