Implement simplex algorithm with the following assumptions
1. Polytope is bounded
2. Non-degenerate
3. Rank of matrix is equal to the number of columns

Input: 1. Matrix 'A' of m rows and n columns 2. Constraint vector 'b' of length m 3. cost vector 'c' of length n 4. Initial feasible point
Requirements: Find a vector 'x' of length n such that Ax <=b and c.x is maximized

Output: vector x and c.x