LINEAR OPTIMIZATION
ASSIGNMENT-3

Assumption
1. Rank of A is n

Implement the simplex algorithm to maximize the objective function, You need to implement the method discussed in class.

Input: CSV file with m+2 rows and n+1 column.
        The first row excluding the last element is the initial feasible point z of length n
        The second row excluding the last element is the cost vector c of length n
        The last column excluding the top two elements is the constraint vector b of length m
        Rows third to m+2 and column one to n is the matrix A of size m*n

Output: You need to print the sequence of vertices visited and the value of the objective function at that vertex