## Question 1.                                                        (100pts)

Implement the Dantzig-Wolfe decomposition algorithm in Matlab as described in the
textbook. You may use linprog() to solve LP subproblems and master problem. You may
also use decoupled and complicating definition matrices and vectors as the input to your
function. Compare your implementation results with linprog() results. Document your
code and explain in the write up in detail what you are doing to get full credit.