1. Show that the greedy algorithm will assign at least 4 of the 6 queries xxyyzz.
   Because the optimal one algorithm would yield a revenue of 6, that mean:
   A bids on 2 x,
   B bids on 2 y
   C bids on 2 z
   Thus, all queries will be bided, revenue == 6
   But for the worst situation:
   C bids on 1 x 1 y
   B bids on 1 x 1 y
   A can not bids anything
   Thus, 4 of 6 queries will be bided in worst situiton, revenue == 4

2. Assume the query sequence xyzz
   In optimize off-line algorithm, A->x, B->y, C-> 2Z, the revenue == 4
   In greed algorithm, C->x,y B->nothing, A->nothing, the revenue == 2

   The revenue of off-line alg / the greed alg == 4/2 = 2