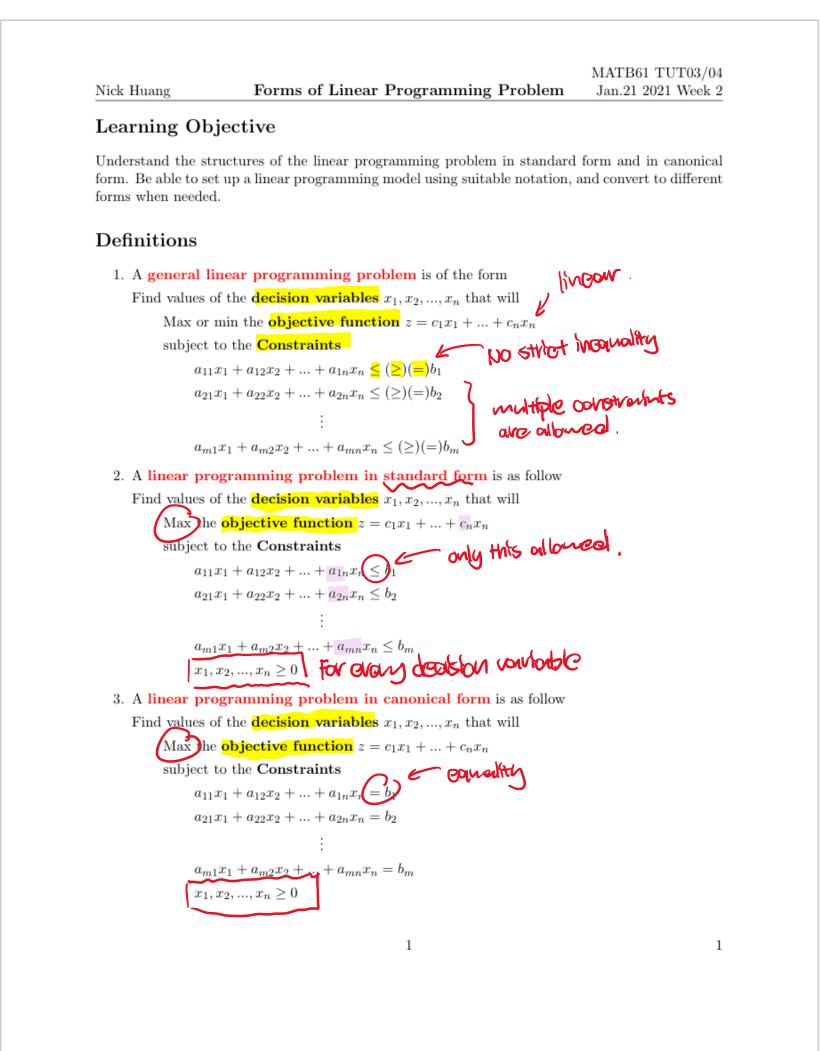
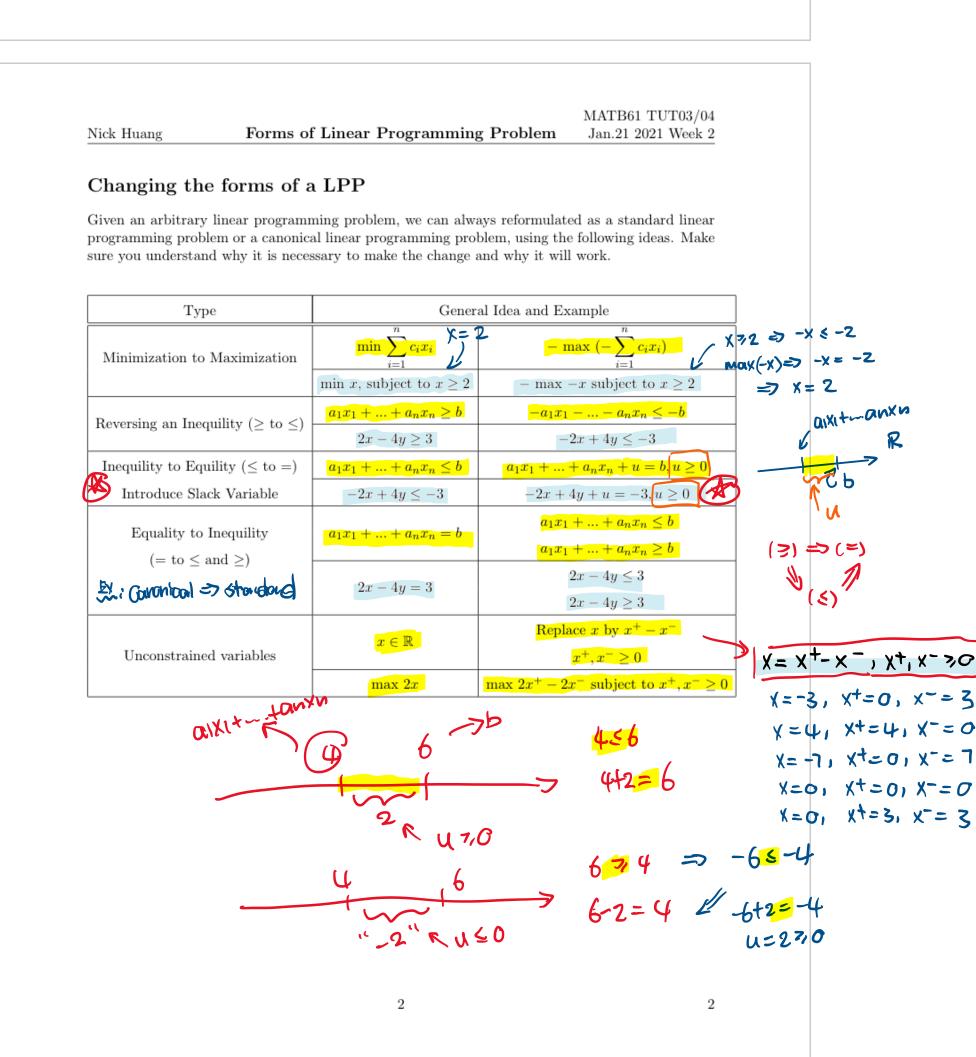
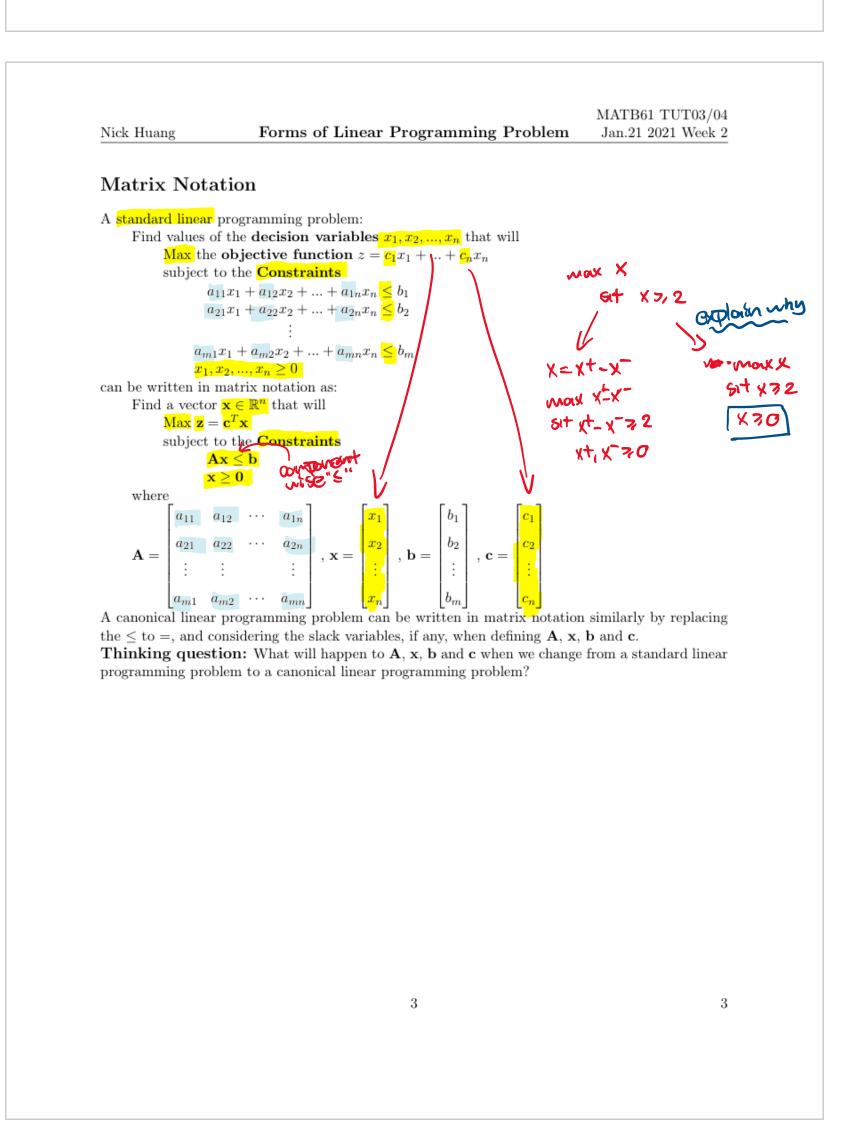
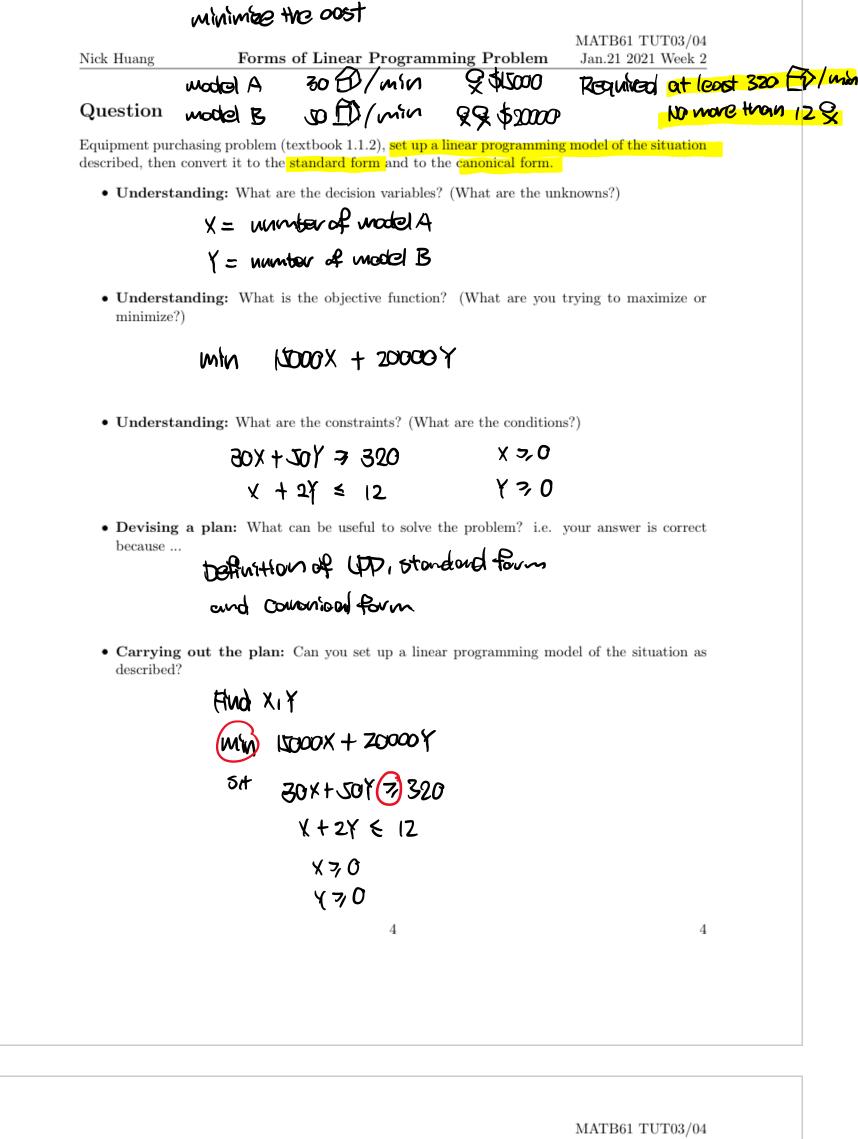
Thursday, January 21, 2021 09:











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Jan.21 2021 Week 2
Nick Huang
                     Forms of Linear Programming Problem

    Carrying out the plan: Can you change the model to a standard linear programming

     problem? and write out it in matrix notation after.
                                                       \vec{X} = \begin{pmatrix} \vec{Y} \\ \vec{Y} \end{pmatrix} C = \begin{pmatrix} -12000 \\ -12000 \end{pmatrix}
       FIVD XIY
       - MOX -15000X-20000 Y
        514 -20x-20x < -320
                  X+2Y = 12
  • Carrying out the plan: Can you change the model to a Canonical linear programming
     problem? and write out it in matrix notation after.
          FIND XI YI UIS
        -Max -15000x-20000x +014+015
         61 + -30x - 301 + u = -320
                                                       A = \begin{pmatrix} -20 & 50 & 1 & 0 \\ 1 & 2 & 0 & 1 \end{pmatrix}
                  X + 2Y + 5 = 12
                    X1 Y, U15 70
                                                       thud x

    Looking Back: Can you check your answer?

                                                        - MOK CTX
                                                        SH AX = b
```

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