HW4 - Section 6.3 - Question 7a

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Section 6.3 - Question 7a

Insert C,O,M,P,U,T,I,N,G into a 2-3 tree (pictures below)

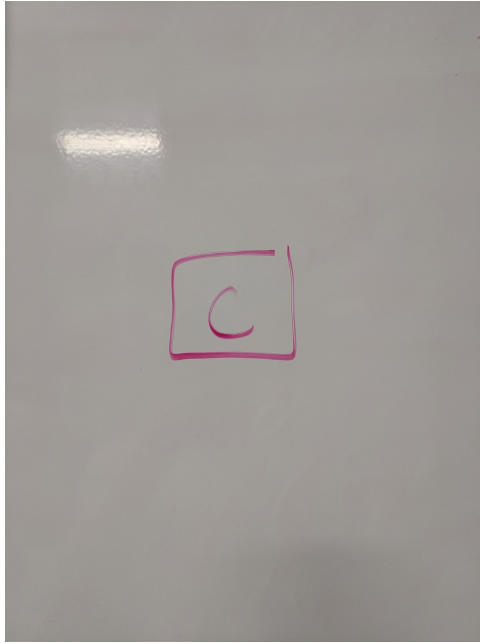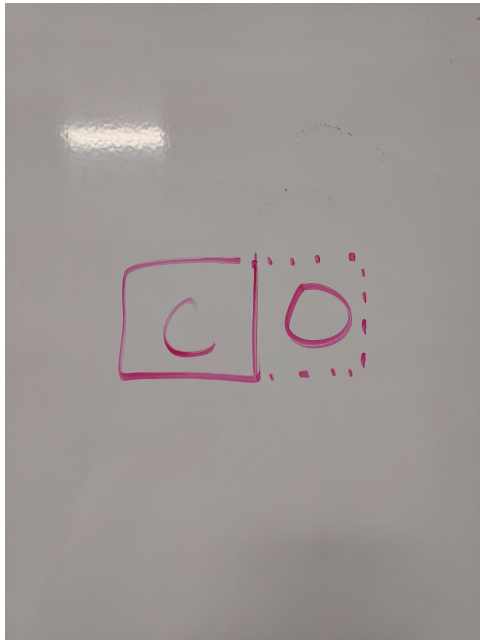Figure 1: Insert C

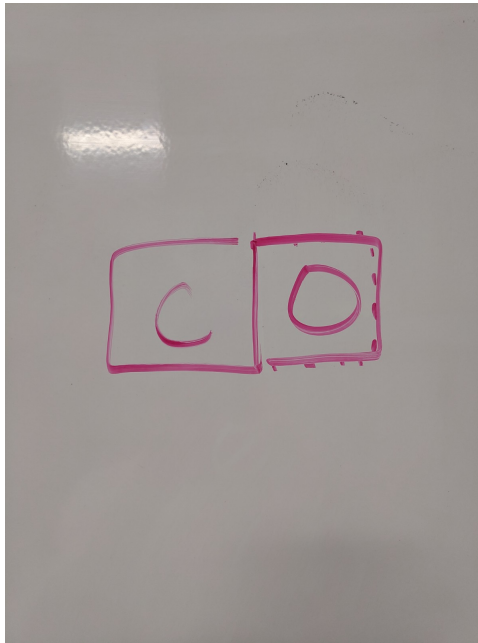Figure 2: Consider insertion location of O
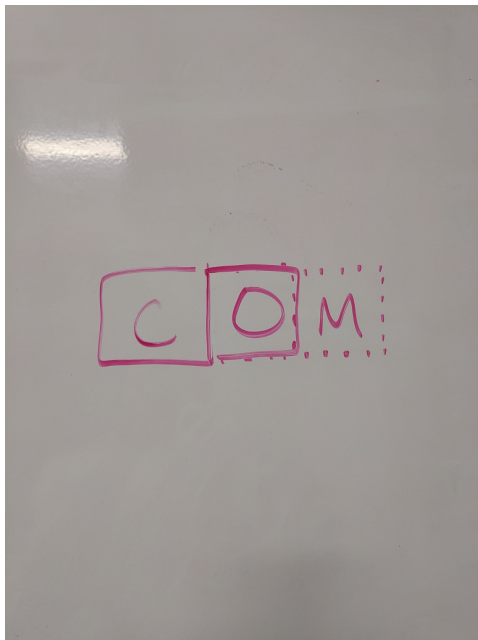
Figure 3: Insert O

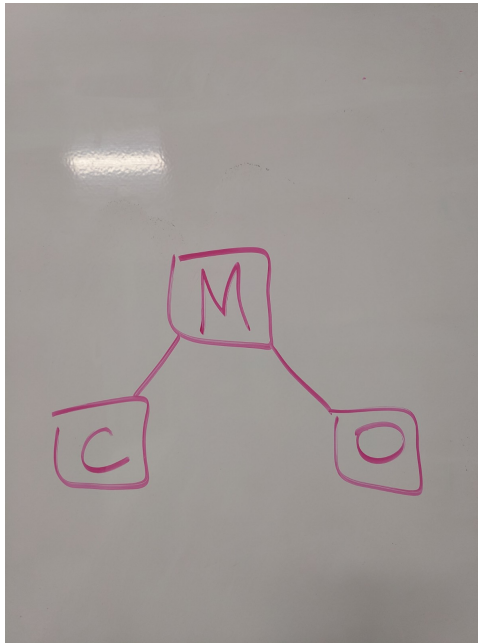Figure 4: Consider insertion location of M
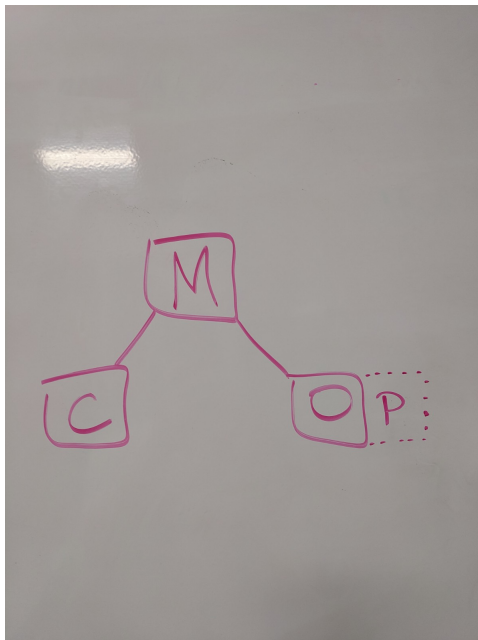
Figure 5: Split and promote M

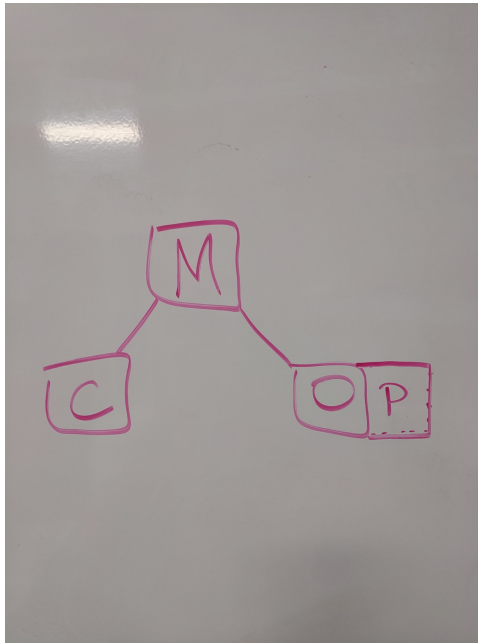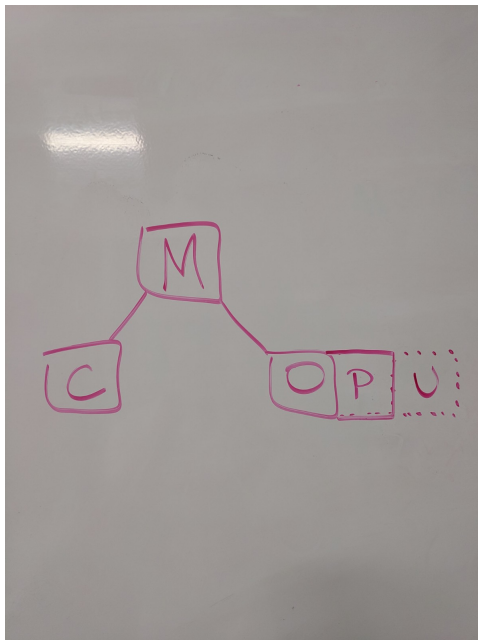Figure 6: Consider insertion location of P

Figure 7: Insert P

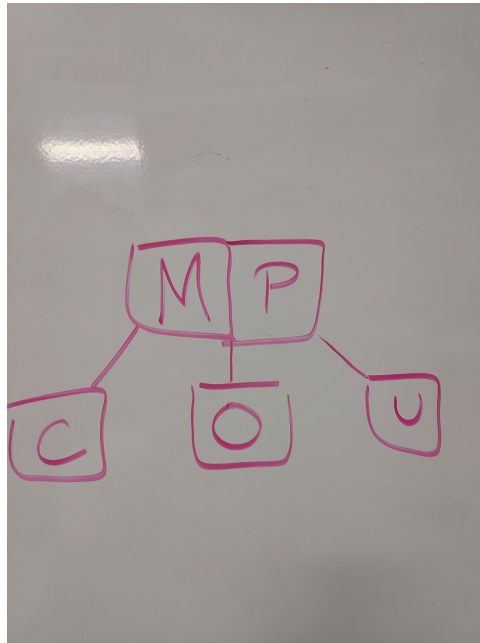Figure 8: Consider insertion location of U
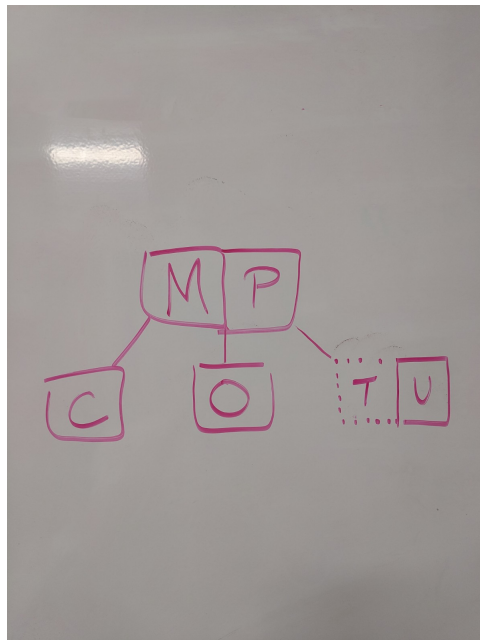
Figure 9: Split and promote P

Figure 10: Consider insertion location of T
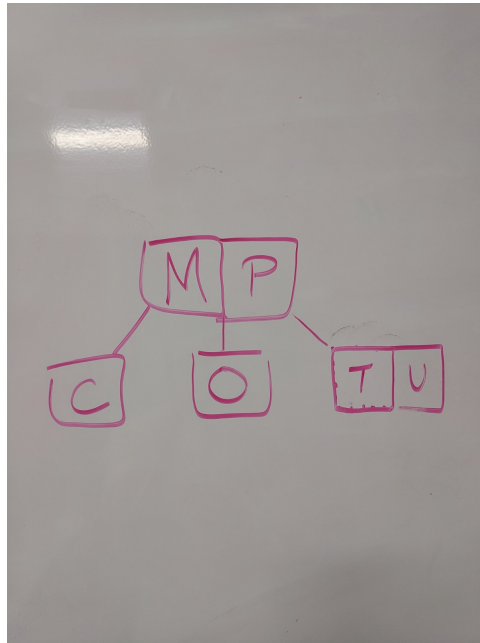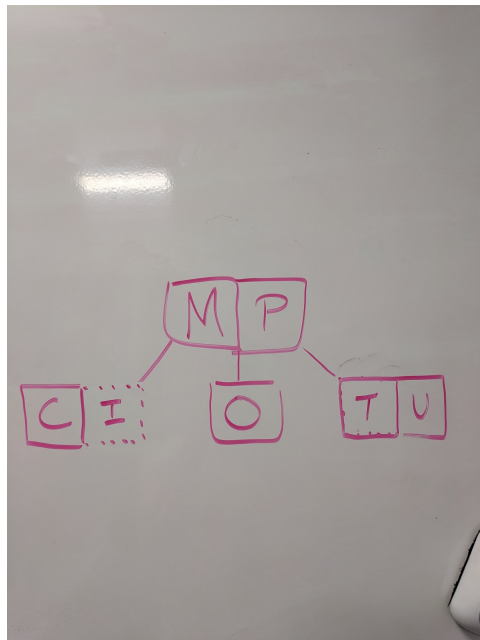
Figure 11: Insert T

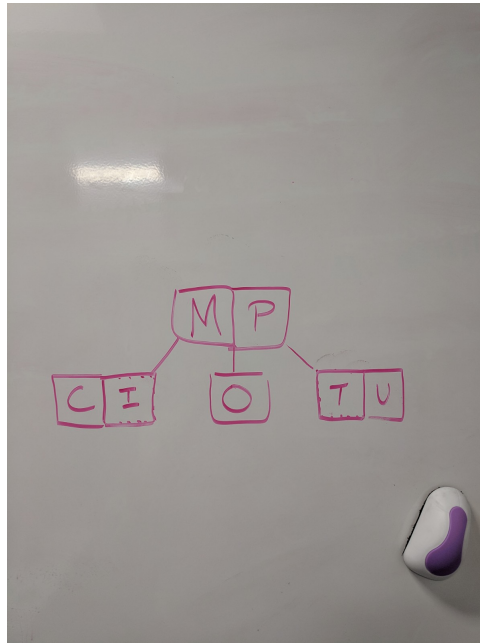

Figure 12: Consider insertion location of I
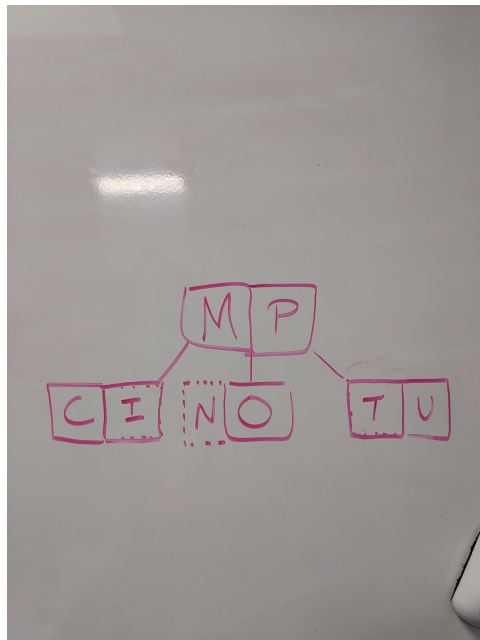
Figure 13: Insert I

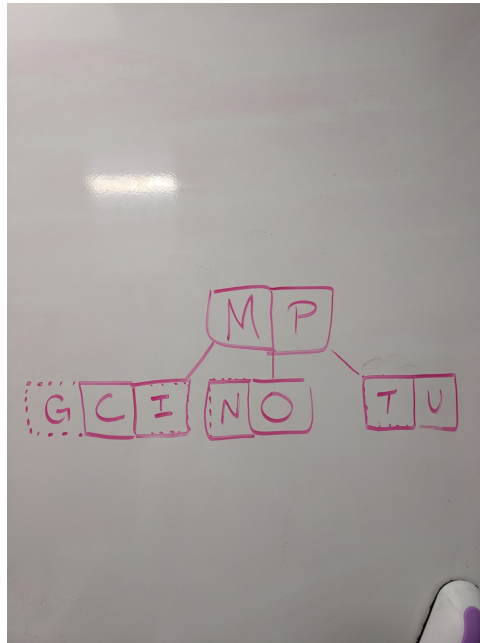Figure 14: Consider insertion location of N

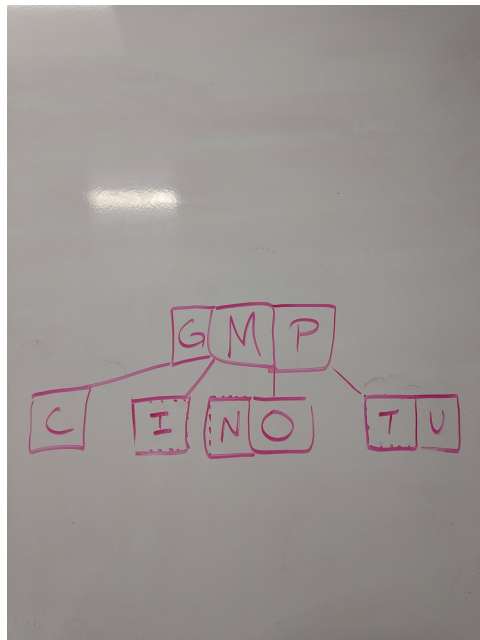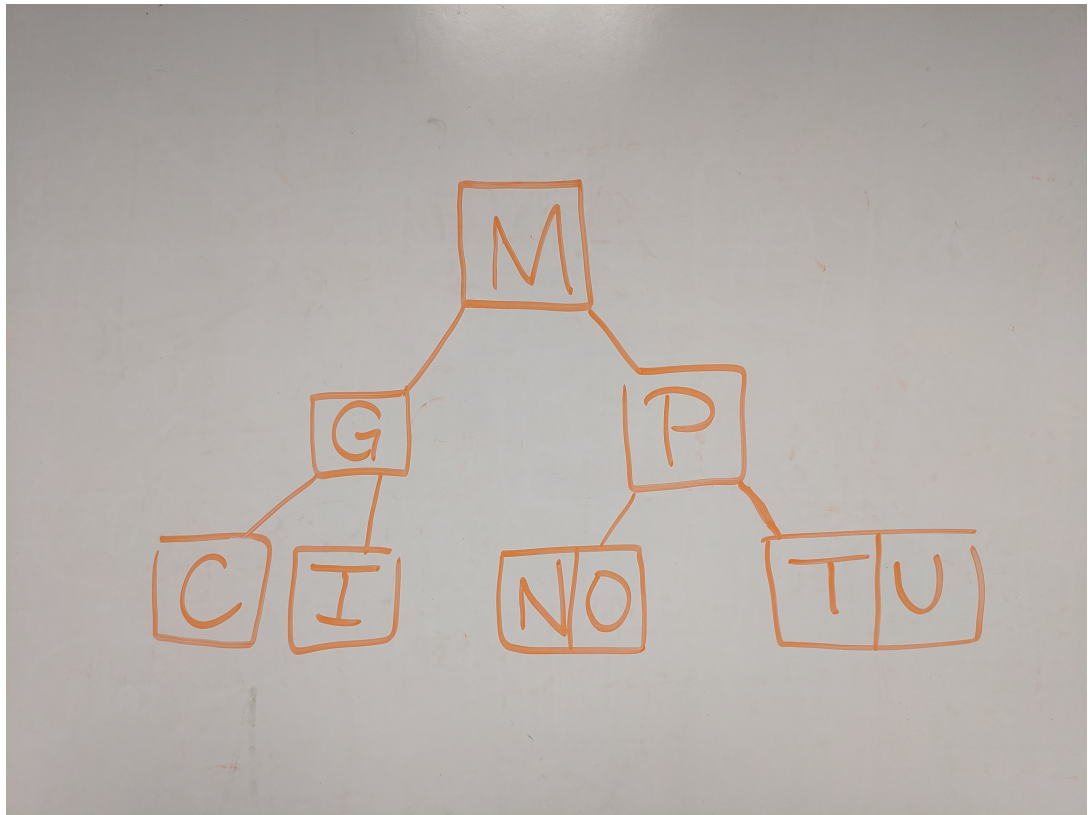Figure 15: After inserting N, consider insertion location of G

Figure 16: Insert G

Figure 17: Split and promote M to maintain 2-3 tree rules