Consider the following set of Boolean functions:

\[ f_1(x, y, z) = \sum m(0,2,3,4,6) \]
\[ f_2(x, y, z) = \sum m(0,2,5) \]
\[ f_3(x, y, z) = \sum m(3,4,5,6) \]

1. Use Quine-McCluskey to determine the tagged multiple-output prime implicants of \( f_1, f_2, f_3 \).
2. Given the tagged multiple-output prime implicants of $f_1, f_2, f_3$ from Problem #1, use Table reduction techniques to obtain a multiple-output minimal sum for $f_1, f_2, f_3$. 