Question # 1 (10 points)
Draw the structure of a water molecule

Question # 2 (190 points)
Using the equation below explain how life formed …

\[
Z = \frac{1}{N! h^{3N}} \prod_{i}^{N} d^{3} p_{i} d^{3} x_{i} \cdot e^{-\beta \sum H(p, x)}
\]