HW5

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|  | Advantages | Disadvantages | Application Example |
| Centroid | Fast. Less memory consumed. | Not accurate, especially for non-bb atoms interaction prediction. | Low resolution prediction. Predict the backbone rough position and basic secondary structures(S/H/L). |
| Full Atom | More accurate. | Time and memory consuming. | H-bond prediction, and proteins with large side chain groups. Especially important for energy calculation and precise atom placing. |

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3.