

IDC306: Biocomputing
Assignment-6
Date: 29 Feb 2024

1. Write a function to calculate angle between three atoms.

Use: $\text{angle} = \arccos(a \cdot b / |a| |b|)$ # Python function is `math.acos()` for inverse of cos, remember to convert

2. Use the function to calculate the angle (in degrees) between N-CA-C (atom names) of a residue and report average angle for all residues in the PDB file.