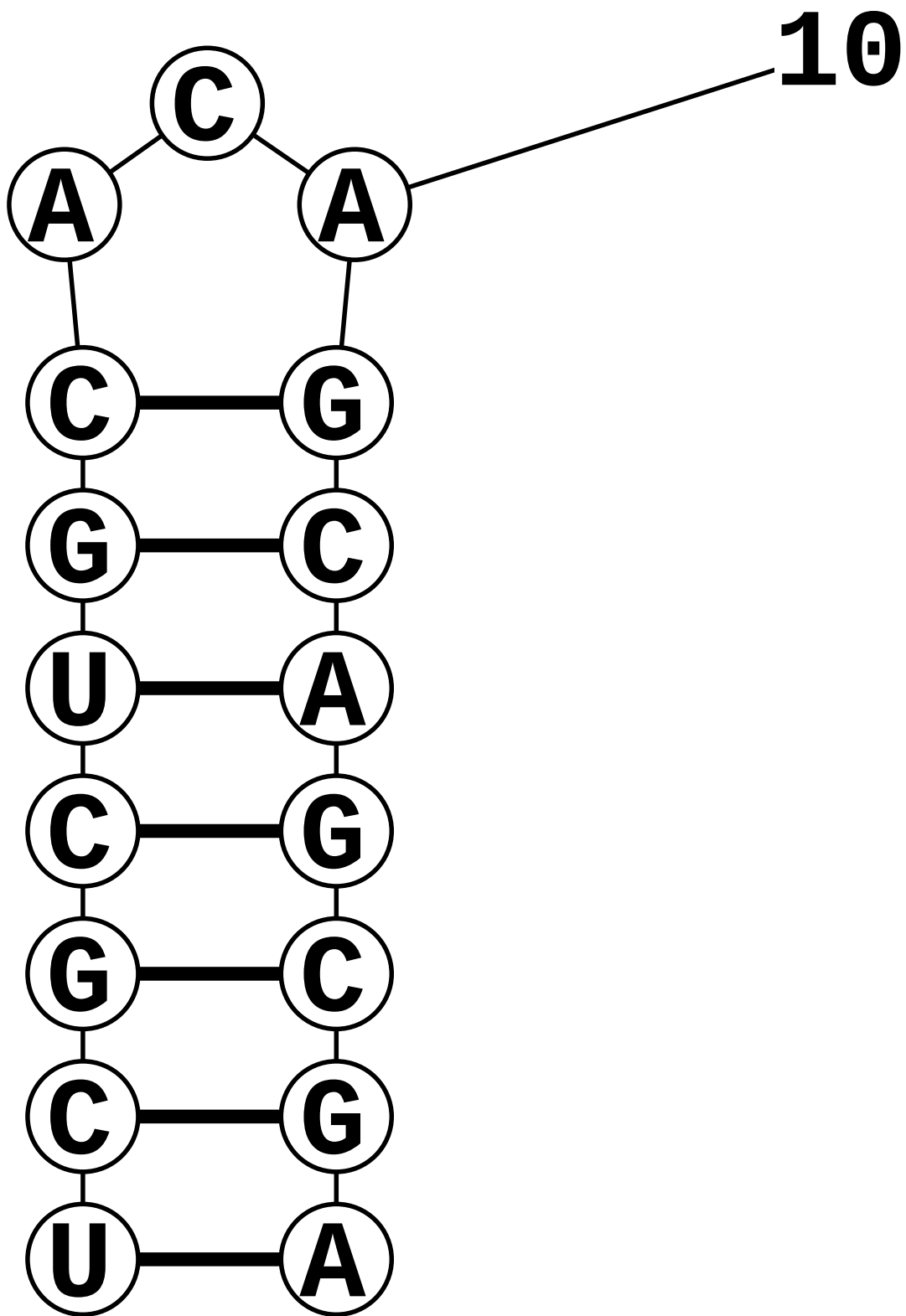
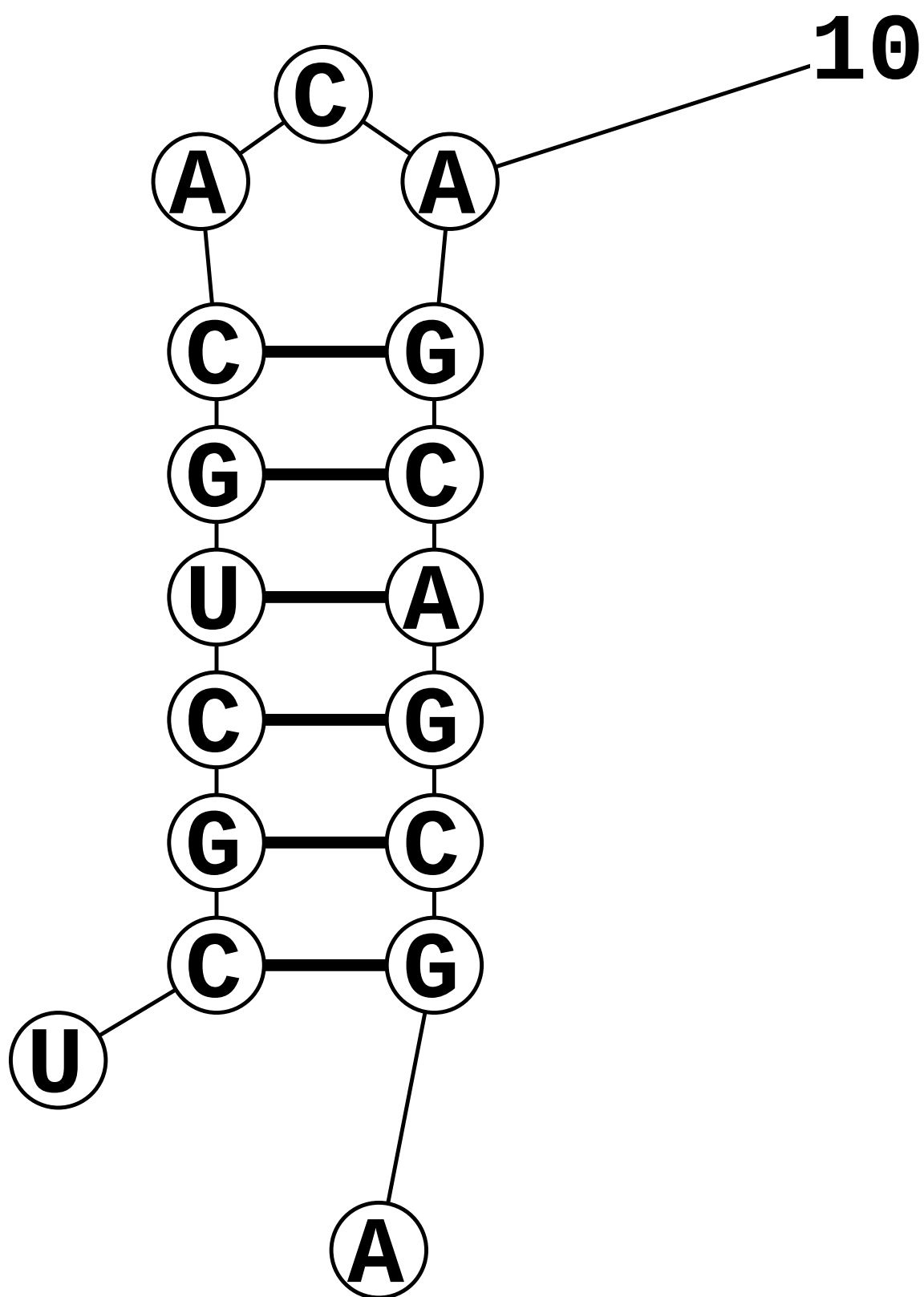




ENERGY = -9.9 hairpin1



ENERGY = -9.5 hairpin1