

LAB EVALUATION 03 Sec 20

1. Suppose you have a target word = “ATOM”
2. Take an user input (of length 4) which will have the characters A, T, O & M
3. Then take your student ID as your input
4. Using utility function, generate the total utility value considering the weight value you get from your ID

Utility Function

$$\text{Utility} = -\sum_{i=0}^{N-1} (w_i \cdot |ASCII(gene[i]) - ASCII(target[i])|)$$