

**Natural Language Processing Lab**

**Exercise 1:**

Identify the list of candidate words using Trie structure for the misspelled word. Find the minimum edit distance and choose the correct word based on the context.

**INPUT:**

"During the summer we have the best ueather.", "I have a black ueather jacket, so nice."

**OUTPUT:**

"During the summer we have the best weather.", "I have a black leather jacket, so nice."

Use the developed model to choose the correct spellings for the following sentences:

1. Mr Patrick is our new (principle/principal).
2. The company (excepted/accepted) all the terms.
3. Please don't keep your dog on the (lose/loose).
4. The (later/latter) is my best friend.
5. I need some (stationary/stationery) products for my craftwork.
6. The actor (excepted/accepted) the Oscar.
7. I will call you (later/latter) in the evening.
8. Covid (affects/effects) the lungs.
9. The (council/counsel) of the ministers were sworn in yesterday.
10. Robert (too/to) wants to accompany us to the park.
11. Mia will (council/counsel) me about choosing fashion as my career.
12. The (bear/bare) at the zoo was very playful.
13. The sheep have a lot of (fur/far) that keeps them warm.
14. The hot spring is at the (furthest/ farthest) corner of the street.
15. Can you (advice/advise) me on how to study for exams?
16. The team will (loose/lose) the match if they don't play well.
17. Can you go (to/too) the market for me?
18. The teachers asked the students to keep (quite/quiet).
19. The (heap/hip) of garbage should be cleaned immediately.
20. This is (there/their) house.

**Submission:** A PDF file containing the code and several input with which model is evaluated should be submitted on the LMS page.