

# Assignmnet

## Data Structure



- 1. Discuss string slicing and provide examples.**
- 2. Explain the key features of lists in Python.**
- 3. Describe how to access, modify, and delete elements in a list with examples.**
- 4. Compare and contrast tuples and lists with examples.**
- 5. Describe the key features of sets and provide examples of their use.**
- 6. Discuss the use cases of tuples and sets in Python programming.**
- 7. Describe how to add, modify, and delete items in a dictionary with examples.**
- 8. Discuss the importance of dictionary keys being immutable and provide examples.**