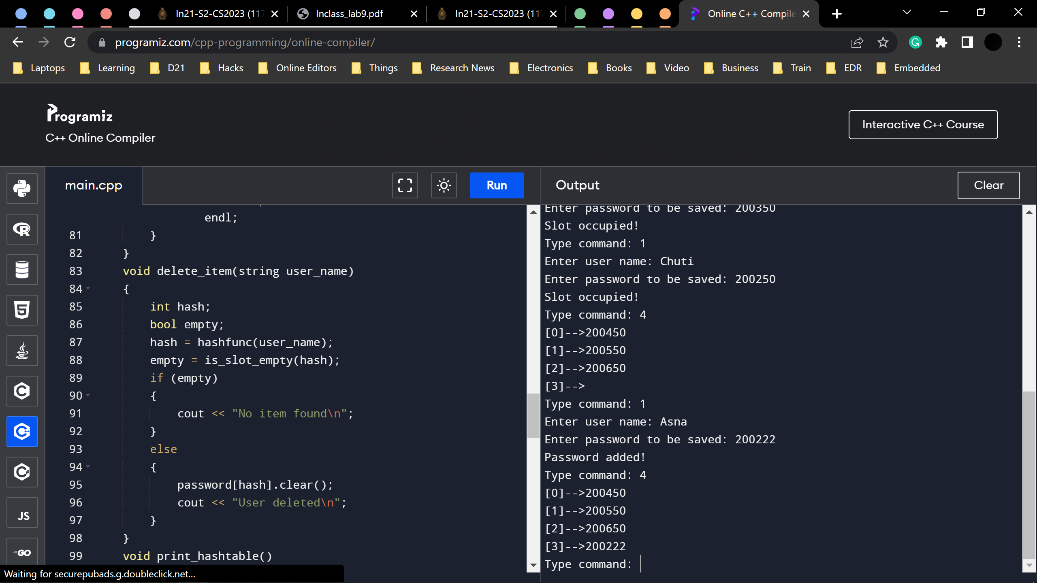
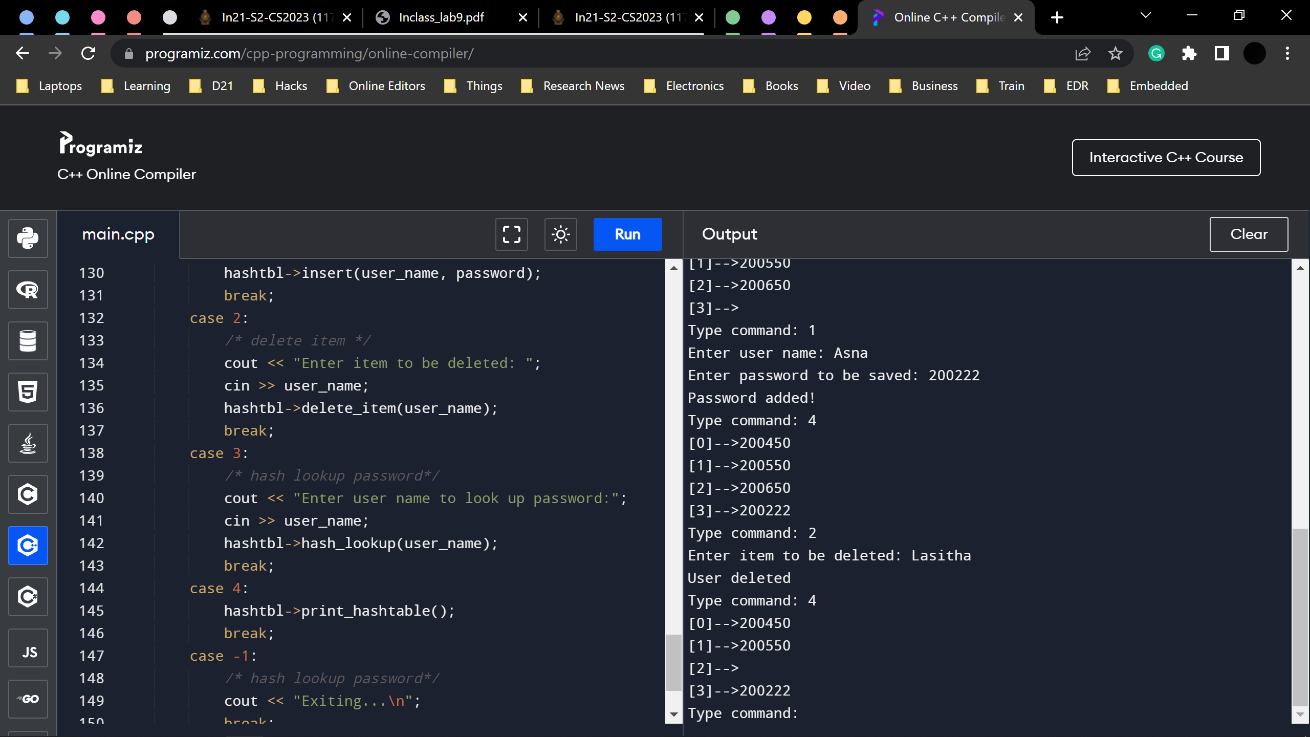
Github link - <https://github.com/LasithaJananjaya/CS2023-Data-Structures-and-Algorithms---Workspace/tree/main/in-class-lab9>

**Section 1 : Implementing basic hash table**

A screenshot of a computer

Description automatically generated





The issue is when we try to add some users, we cannot add some of them. The root cause of this problem is that the hash function being used to determine the index for a particular value can produce identical indices for different values, which is known as a hash collision. When this occurs, two keys with the same hash values cannot be stored in the same index slot. To resolve this issue, various techniques like chaining or open addressing can be employed to manage these collisions.

**Section 2 : Implementing hash table with chaining**

