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ADS-LAB 8

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Dictionary using Hashgraph :-

```
void insertItem(int key):
```

```
    index = hashFunction(key);
```

```
    table[index].push-back(key);
```

```
int hashFunction(int x)
```

```
    return x % SIZE
```

```
void deleteItem(int key)
```

```
    index = hashFunction(key);
```

```
    list<int> :: iterator i;
```

```
    for (i = table[index].begin(); i != table[index].end(); i++)
```

```
        if (*i == key)
```

```
            break;
```

```
    if (i != table[index].end())
```

```
        table[index].erase(i);
```

```
void displayHash()
```

```
    for (int i = 0; i < SIZE; i++)
```

```
        cout << i;
```

```
        for (auto x : table[i])
```

```
            cout << " ";
```