

## Tutorial-8

### Evaluation-

#### **Problem Statement:**

A hash function  $h(s) = (\text{sum of ASCII values of characters in } s) \bmod 10$  is used to store the following strings in a hash table of size 10. Use **linear probing** for collision resolution: [ 10 marks]

**Strings:** {"cat", "dog", "bat", "bear"}

**Task:** Show the final state of the hash table.