```
package finalhashmap;
import.java.util.ArrayList;
public class Map<K,V> {
   ArrayList <Map<K,V>> buckets;
   int count;
   int numBuckets;
   public Map() {
      buckets = new ArrayList<>();
      numBuckets = 20;
      for(int i=0;i<numBuckets;i++) {</pre>
        buckets.add(null);
      }
   }
   private int getBucketIndex(K,Key) {
     int hc = Key.hashCode();
     int index = hc%numBuckets;
     return index;
  }
  public void insert (K value, V Value) {
    int bucketIndex = getBucketIndex(Key);
    MapNode<K,V> head = buckets.get(bucketIndex);
    //element is not there ? just update its value
    while(head! = null) {
       if(head.key.equals(key)) {
         head.value = value;
         return;
       head = head.next;
    }
    // element is not there.insert at 0th position of linked list
    head = buckets.get(bucketIndex);
     MapNode<K,V> head = new MapNode<>(Key,Value);
     newNode.next = head;
     buckets.set(bucketIndex , newNode);
     count++;
  }
```