**Hashtable:**

**class HashtableDivision<T, V> {**

array table[10]

function put(key, value) {

index = hashDivision(key)

if (table[index] == null) {

table[index] = new ArrayList<Passenger<T, V>>()

}

for each passenger in table[index] {

if (passenger.key.equals(key)) {

passenger.value = value

return

}

}

table[index].add(new Passenger<T, V>(key, value))

**}**

**function get(key) {**

index = hashDivision(key)

if (table[index] != null) {

for each passenger in table[index] {

if (passenger.key.equals(key)) {

return passenger.value

}

}

}

return null

}

**}**

**class Passenger<T, V> {**

T key

V value

function Passenger(key, value) {

this.key = key

this.value = value

}

**}**

**function hashDivision(key) {**

hashCode = key.hashCode()

index = hashCode % 10

if (index < 0) {

index = index + 10

}

return index

**}**