

```
Total = int(input("How many customers are there?"))
```

```
def Hash (CustomerID):  
    sum = 0  
    index = 0  
    hashnumber = 0  
    if (len(CustomerID)) != 6 :  
        CustomerID = input("Error. Please enter the ID again.")  
    else:  
        index = (ord(CustomerID[0]) * 1 + ord(CustomerID[1]) * 2)  
        sum += index  
        sum += int(CustomerID[-4:])  
        break  
    hashnumber = sum % index  
    return hashnumber
```

```
def AllCustomers():  
    Total = int(input("How many customers are there?"))  
    HashTable = [None] * Total  
    for x in range(Total):  
        print("For Customer", x)  
        CustomerID = input ("Enter the Customer ID")  
        IDCheck = Hash(CustomerID)  
        while HashTable[IDCheck] != None:  
            IDCheck += 1  
        HashTable[IDCheck] = CustomerID
```

```
    print (HashTable)
```

```
AllCustomers()
```