ADS Lab 9

```
func Insert (key):
    index = key % man
    ptr[index].data = key
    if not root[index]:
        root[index] = ptr[index]
        root[index].next = NULL
        temp[index] = ptr[next]
    else:
        temp[index] = root[index]
        while temp[index].next:
            temp[index] = temp[index].next
        temp[index].next = ptr[index]


func search (key):
    flag = 0
    index = key % man
    temp[index] = root[index]
    while temp[index]:
        if temp[index].data == key:
            print("Found")
            flag = 1; break
        else: temp[index] = temp[index].next
    if not flag: print("Not found")
```

```
func delete (key):
    index = key % mom:
    temp[index] = root[index]
    while (temp[index].data != key and
                temp[index] != NULL):
        ptr[index] = temp[index]
        temp[index] = temp[index].next
    ptr[index].next = temp[index].next
    print temp[index].data = -1:
        temp[index] = NULL
    del temp[index]
```