

ADS Lab 9

func insert (key):

index = key % max

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 % max

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 % num:

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]