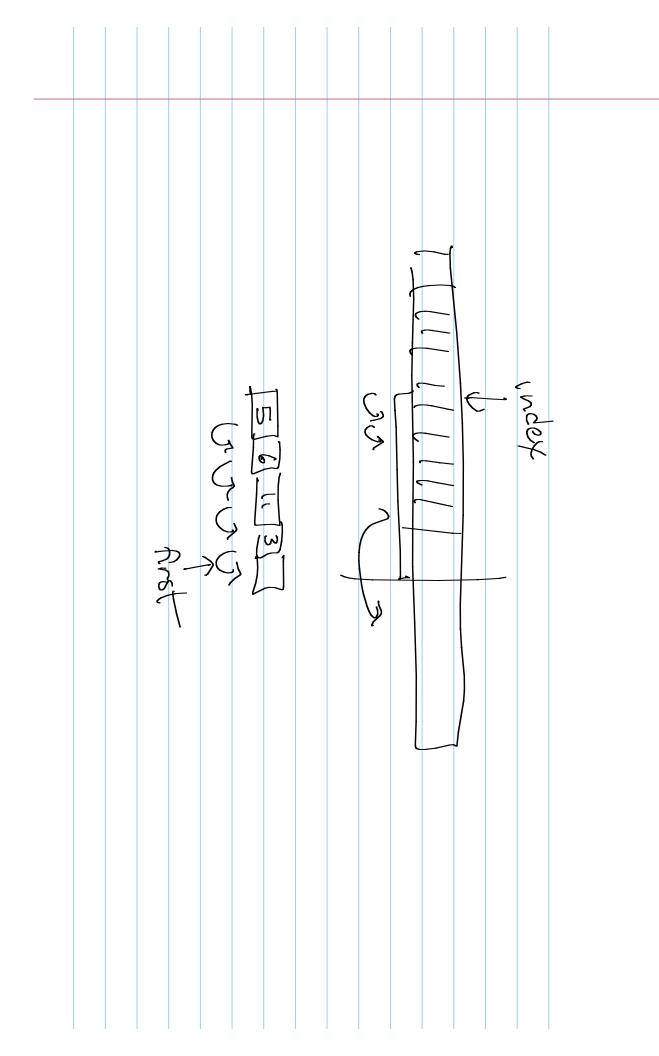
Note Title throuncements Itrog rang Midsemest checkpoint for this one) Wout - due Logy 1 hursday 10/9/2009

Vectors my rector [6]= ine: O(N) true for Ninsertius txtendable like not O(1) have per operation Lists Jouble array 15 too Small pythor 6 s copy eventhins

class Vedtor { Then Type > private: int current (apacity) HemType & data: int num Items

public: ~ Vector () {
delete [] donta; Item Type & operator[] (int index) { Vector < Item Type >, current Capacity (INITI). Octa ( ( new Han Type [INTIAL\_CAPACITY] "IAL\_CAPACITY)

current Capacity Parts delete data old Data wert date= new Item ype 2 decirent



しょくったって current capacity = + numttens) {

current capacity = + numttens) {

current capacity = + numttens) { current (apacit to insert an element into 12 , S, nt Capacity = current Capacity; nt VDe & ddData - data + 2; tem lype ) Current Capacity Le viction + Data [index] = value" Olata [i] = data [i-)].

assignment operator & delete (this num Items - other num Items return +tu current Cape city = other. current (apocity
data = new them Type (current Cape cut)
for (int i=0. (~num Thems-i+))
data [i] = other. data [i]. [ ] dother operator= (const other Vector < ItanType>