-y dist of available space der-05 27/04/21 - Inscrtion algor.

dist of available space / Force pool

- of Besides the linked list in memory, there is also a special list maintained which consist of unused
- own pounter is called its own pounter is called list of available space or Tree pool.
- of Link is the parallel array which stores all the linked part of memory. Then, The senered menony calls of array can be linked together to form a line using Avail as the list pointer Variable.

## overflow!

Avoid liet is empty - no space in memory. :. overflow condn: Avail = Null

(during micrition, check for overflow condn.)

-) during deletion, dreck for einderflow condu

wanté to deleté an élém/node from a underflow; but the list is empty, then underflow

start = Null

```
1) Insert - begin :
    if avail = NUZZ, wordt "overflow", relien.
  tet new = avail
2.
          avail = link (avail)
    sel- info (new) = X
     Set link (new) = first
      set first = new
5-
      return.
6.
     100 finst
                          850
             100
    2000
     roof avail
                                    3000
                           200
        1000
        new
     Insert - end
        avail = NULL, write "overflow", relien
      new = aveil
      avail = link (avail)
 2.
      imfo (new) = X
3.
      link (new) = NULL
      if FIRST = NULL then let FIRST = new, return (FIRST)
47
     set PTR= FIRST
```

repeat white link (ptr) \$ NULL

ptr = link (ptr) The link (PIN)

The link (PIN)

New (PIN) = New . Itom finet

PRET

Ryit

