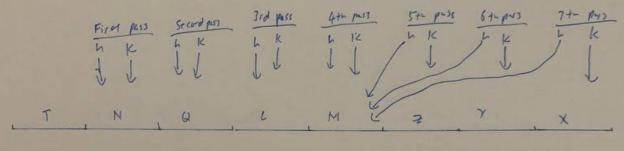
60h Zv Hong UZOZII67E EE35 - 1/2 ZXIXIX 6X7 = 84

(e) T is chorn as protiging is for loop of army; his the partition



sice for loop ends, T will swap with M (pointed by h)

M N Q L T Z Y X After prestition

(f) Ascr first partitio: (for e)

choose M and Z as sustant pilvats for sus arrays

MNQLT7,YX

(hoose * Q and * as pirot

L, [N, Q] [X, Y]

consining all sus acrops

LMNQTXYZ

(9) sort-by-odd-even (arr) {

Assure index-0 best

h=0;

for (k=1 to arr.len()-1) {

if (arr Ck] % Z=1) {

h=h+1;

swap (arr, h, k)

}

swap (arr, o, h)

Z

Similar to partitive algorithm.

ignore first planet, At and of function,

swap it with the last odd element.

(h) snalley in - may - Leap (leap) {

only seet find snalley value in lens node)

Start = [arr. len /2] + 1;

end = arr. len()

partition (arr, start, end)

}

partition (arr, start, end)

it (start = end) {

return arr [start]}

val = arr [start];

to (i = start to end) {

if (t arr [i] < val) {

if (t arr [i] <

swap (ost. Hest, h)

partition (use, start, L-1)

!! Assure index - 1 base.