Kachel Doogue, CO0237335 23 , 73 , 35 Question 1 a. 58 = pivot 47, 74, 8, 58, 3, 21, 73, 89, 23, 35 35, 47, 8, 58, 3, 21, 73, 89, 23, 74 b. ODel First () { node \* current = in Head; delete (current) return in Head ODelNext () ? nocle \* current = inHead; while (current != Null) & if ((current -1) = p) { delete (current -> next) else ? current = current -> next)

```
O Del Previous () {

node * current = in Head

while (current != Null) {

if (current = p) {

Find Last() {
```

nocle + current = intlead

while (current != Nwll) {= 1000 }

if (current -> next != Nwll) {= 1000 }

clebrate (current)

3

else {= current -> next ...

3

3

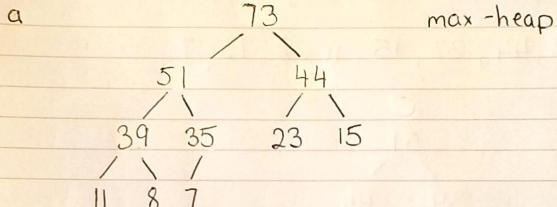
3

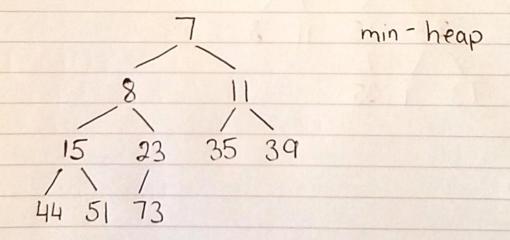
(hours toring + Hornes

ii. int Funs(int n) {

if 
$$(n > 0)$$
?
$$n = (n - 2)$$
return n
3

## Rachel Doogue, CO0237335 Question 2 a 73

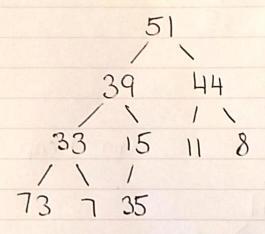




d. 73,51,44,39,35,33,15,11,8,7

pass 1:7,51,44,39,35,33,15,11,8,73

pass 2:51,39,44,33,15,11,8,73,7,35



c. Parent (p) {

lest right

if (left = p 11 right = p) {

## Rachel Doogue, CO0237335

Question 3

