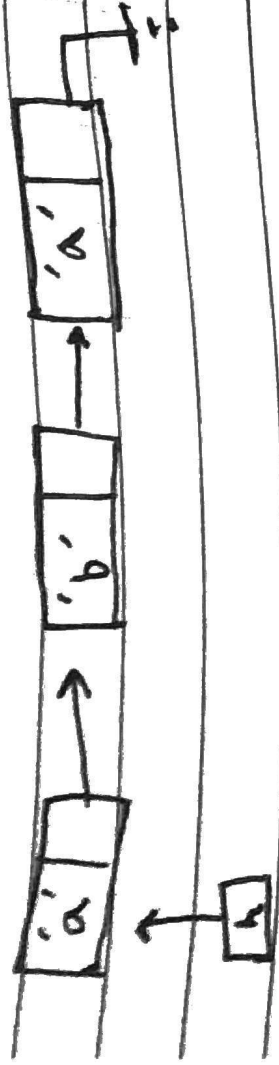
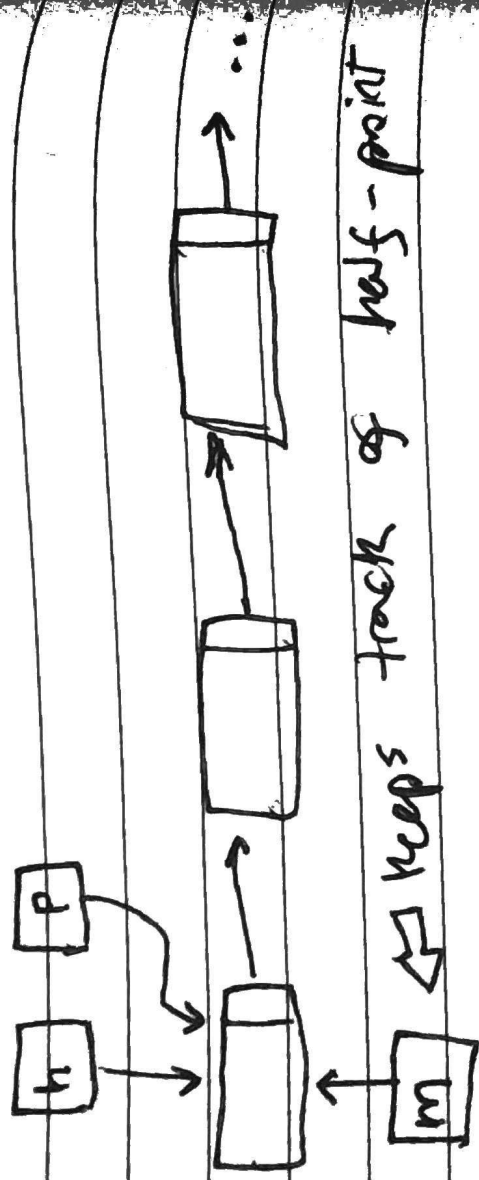


Date: / /



- check if linked list is a palindrome
- ASCII characters
- return true/false
- throw exception on null input
- singly linked list



```
while (traversing linked list) {  
    • keep track of mid-point  
    • push half of list into a stack  
}  
  
while (popping value from stack) {  
    if (midpoint++ != pop value)  
        return false  
}  
return true
```

Date: / /

input

output

NW1

throw
exception

empty {}

true

{ 'a' }

• single
character

true

{ '!', '?', '!' }

• special
characters

true

{ 'a', 'b', 'c' }

• not
palindrome

false

{ 'a', 'z', 'a' }

• is
palindrome

true