KEY POINTS

Map- Stores a key-value pair as an energ.

- · There are no multiple entries.
- have work case o(n).
- · The unsorted doubly Linked List approach is only good for snow maps.

NAME/DATE/SUBJECT

Maps - ADT

NOTES

A map ADT is a searchable collection of values:

- . It stoves a (key, value) pair, with no multiple keys.
- · Return null of an element does not exist.
- · There are several key operations:
 - > get (k), put (k), remove (k), size (), is Emply()

return NUM
of the Key is free.
Otherwise return
Ne OLD value.

returns an iterable returns an returns an iterator collection of the it collection of the values.

Luys

We can store all of this in a doubly lined lit; it is not likely going to be mordered.

put () - Runs in O(n) kine as we must traverse me entire lift.

get() + remove() - A(so have W.C. O(n).

Inis is only good fer small livs!

SUMMARY