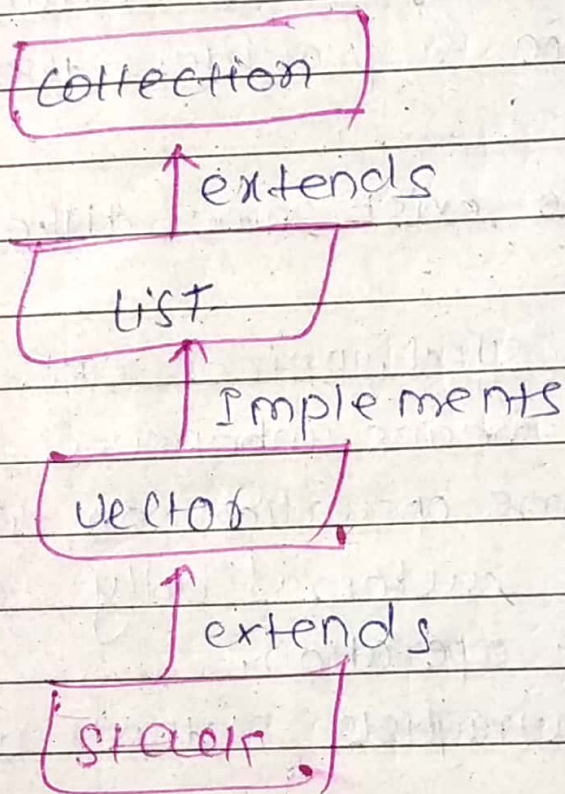


## STACK



The Java collections framework has a class named stack that provides the functionality of the stack data structure.

The Stack class extends the vector class.



Stack k andar hm data rkh sktte hai  
aur phir usko retrieve v kr sktte hai.

Stack  $\rightarrow$  LIFO (last in first out).

### # Stack Implementation

In stack, elements are stored & accessed in last In first Out manner. That is, elements are added to the top of the stack & removed from ~~bottom~~ the top of the stack.

Consider an eg. of plates stacked over one another, in the canteen. The plate which is at the top is the first one to be removed, i.e. the plate which has been placed at the bottommost position remains in the stack for the longest period of time. So, it can be simply seen to follow LIFO (last In first out) / FILO (first In last out) order.