```swift
import Foundation

/// 剑指 Offer 09. 用两个栈实现队列
/// 用两个栈实现一个队列。队列的声明如下，
/// 请实现它的两个函数 appendTail 和 deleteHead ，
/// 分别完成在队列尾部插入整数和在队列头部删除整数的功能。(若队列中没有元素，deleteHead 操作返回 -1 )
///
/// 示例 1：
/// 输入：
/// ["CQueue","appendTail","deleteHead","deleteHead","deleteHead"]
/// [[],[3],[],[],[]]
/// 输出：[null,null,3,-1,-1]
///
/// 示例 2：
/// 输入：
/// ["CQueue","deleteHead","appendTail","appendTail","deleteHead","deleteHead"]
/// [[],[],[5],[2],[],[]]
/// 输出：[null,-1,null,null,5,2]
class CQueue {
    var stack1: [Int] = []
    var stack2: [Int] = []
    init() {}
    func appendTail(_ value: Int) {
        stack2.append(value)
    }

    func deleteHead() -> Int {
        if !stack1.isEmpty {
            return stack1.popLast()!
        }
        if stack2.isEmpty {
            return -1
        }
        while !stack2.isEmpty {
            stack1.append(stack2.popLast()!)
        }

        return stack1.popLast()!
    }
}
```