

# Set 09

- 1 Disadvantage of a stack that is backed up by an static array
  - A It is slower
  - ☒ B It has a limited capacity
  - C It does not implement push
  - D It does not implement pop
  
- 2 What would be the best implementation for a stack based on a linked list?
  - ☒ A top is head, bottom is tail
  - B top is tail, bottom is head
  - C top is head and tail
  - D bottom is head and tail
  
- 3 What is the stack configuration after: `Stack s = new Stack(); s.push(5); s.push(8); s.pop(); s.push(10); s.peek(); s.push(3);`
  - A (top) 5 10 3 (bottom)
  - ☒ B (top) 3 10 5 (bottom)
  - C (top) 5 3 (bottom)
  - D (top) 3 5 (bottom)