i>clicker
Session 4
Question 1

What is a characteristic of a Stack in the software world?

A. Position-oriented, i.e., LIFO/FILO
B. Linear data collection
C. Access to any elements except the “top” one not allowed
D. All of the above
E. None of the above
Question 2

Most important aspect(s) of a Stack to be considered when designing it is/are ...

A. pop( ) and push( ) have time efficiency of O(1)
B. Provide a copy constructor and a destructor
C. Define where the “top” of the Stack is
D. A. and C.
E. None of the above
Question 3

Stack data collection ADT class is a **general-purpose** type of data collection

A. Yes
B. No
C. Irrelevant
D. None of the above
Question 4

What is the time efficiency of the method `pop()` of a link-based Stack ADT when the data structure is a DHSL list?

A. $O(1)$
B. $O(\log n)$
C. $O(n)$
D. Can’t say!
E. None of the above