

IS 2011: Esercitazione 2/3/2011

Scrivere l'insieme di classi necessarie a realizzare tramite una struttura linkata uno Stack (LIFO).

I metodi richiesti sono:

boolean **isEmpty()**

Tests if this stack is empty.

E **peek()**

Looks at the object at the top of this stack without removing it from the stack.

E **pop()**

Removes the object at the top of this stack and returns that object as the value of this function.

E **push(E item)**

Pushes an item onto the top of this stack.

int **search(Object o)**

Returns the 1-based position where an object is on this stack.

int size()

Returns the number of items present in the stack.

boolean equals(Object o)

Returns true if the Object o is a Stack and contains exactly the same items of this in the same order

String toString()

Returns the stringified view of this Stack