Kasdasbd

package dat102.f05.stabel;

/\*\*

\* An interface for the ADT stack.

\*

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\* @version 5.0

\*/

public interface StabelADT<T> {

/\*\*

\* Adds a new entry to the top of this stack.

\*

\* @param newEntry An object to be added to the stack.

\*/

public void push(T newEntry);

/\*\*

\* Removes and returns this stack's top entry.

\*

\* @return The object at the top of the stack.

\* @throws EmptyStackException if the stack is empty before the operation.

\*/

public T pop();

/\*\*

\* Retrieves this stack's top entry.

\*

\* @return The object at the top of the stack.

\* @throws EmptyStackException if the stack is empty.

\*/

public T peek();

/\*\*

\* Detects whether this stack is empty.

\*

\* @return True if the stack is empty.

\*/

public boolean isEmpty();

/\*\* Removes all entries from this stack. \*/

public void clear();

}