**ADT STACK**

Complete the following:

1. The **STACK** has a \_ \_ \_ \_ structure (Last ….. ….. Out)
2. **STACK** **terminology**:

* **top**: element at the ……….. of the stack
* **push**: operation used to …... an element into the stack
* ………..: operation used to remove an element from the stack
* **peek**: operation used to …... the …... without modifying the stack

1. Examples of **STACK:**

* memory containing variables in order of ………
* structure containing activation records in order of ……..
* goods in a cargo in order of …….
* bracelets on the ….. in order of …..

Answer keys:

1. The **STACK** has a LIFO structure (Last IN FIRST Out)
2. **STACK** terminology:

* **top**: element at the SUMMIT of the stack
* PUSH: operation used to insert an element into the stack
* POP: operation used to remove an element from the stack
* PEEK: operation used to access the top without modifying the stack

1. Examples of **STACK:**

* memory containing variables in order of declaration
* structure containing activation records in order of function call
* goods in a cargo in order of storage
* bracelets on the wrist in order of wearing