The question

mark (?) before the variable b indicates that the precondition does not impose

any restrictions on the field’s pre-state value, but binds this value to b

Assertion emp holds of the empty heap

Notice that we use an underscore in the position where the value of the field belongs. This indicates that

we do not care about the old value of the field when the function is called

Underscore => dont care about old value

VeriFast also supports a more concise syntax for field chunks. For example, account\_balance(myAccount, \_) can also be

written as myAccount->balance |-> \_. In fact, the latter (field chunk-specific) syntax is generally recommended over the former

(generic chunk) syntax because it causes VeriFast to take into account the field chunk-specific information that there is at

most one chunk for a given field, and that the field’s value is within the limits of its type. However, for didactical reasons,

in this tutorial we initially use the generic chunk syntax so that the chunks written in the annotations and the heap chunks

shown in the VeriFast IDE look the same

stack = zmienne w funkcji, lokalne zmienne

heap = pamiec, losowa, np. miejsca w liscie

array\_slice(a, idx, idx+1, ?vals)

1-array

2-poczatek

3-koniec

4-finalna lista

CVS-6 definicje