9.6. Cloning Lists

If we want to modify a list and also keep a copy of the original, we need to be able to make a copy of the list itself, not just the reference. This process is sometimes called **cloning**, to avoid the ambiguity of the word copy.

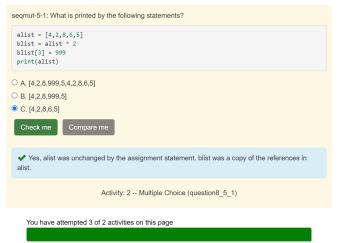
The easiest way to clone a list is to use the slice operator.

Taking any slice of a creates a new list. In this case the slice happens to consist of the whole list.



Now we are free to make changes to $\,^{\rm b}$ without worrying about $\,^{\rm a}$. Again, we can clearly see in codelens that $\,^{\rm a}$ and $\,^{\rm b}$ are entirely different list objects.

Check your understanding



9.5. Aliasing">

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