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2 questions
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What does this code do? What is the result?

```
3 4 dup mul exch dup mul mul add sqrt
```

```
5
```

```
5
```

```
5
```

```
3 4 dup mul exch dup mul mul add sqrt3 4 4 mul exch dup mul add sqrt3 16 exch dup mul add sqrt16 3 dup mul add sqrt16 3 3 mul add sqrt16 9 add sqrt25 sqrt5
```

```
bool() while
```
How would you implement a while procedure in PostScript?

I don't really know if it's possible, but if we do a for loop not on a fixed number but on a variable and update the variable inside the for loop in every iteration, and just stop updating it, when the desired condition is met?

{ condition (exit) ifloop text} loop

bool () while

maybe also recursively? write a function that performs something, then check condition and call itself again

it's bracket, bracket, ifelse

2 procedures as input, one that evaluates the condition and leaves bool on stack, another procedure that is executed if true is left on stack, additionally all the elements that the procedures need must be on stack

{ bool } { do something } while

So it's not possible to create some form of iteration instead of recursion?
How would you implement objects using dictionaries?

To ensure scoping: A -> B -> Method
Last chance for questions