

Ask me anything

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

3 4 dup mul exch dup mul add sqrt

5

5

5

5

5

5

```
3 4 dup mul exch dup mul add sqrt
3 4 4 mul
exch dup mul add sqrt
3 16 exch dup mul add
sqrt 16 3 dup mul add sqrt
16 3 3 mul add
sqrt 16 9 add sqrt
25 sqrt 5
```

```
bool { } while
```

How would you implement a while procedure in PostScript?

I don't really know if its 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
```

```
b { trueproc } { falseproc } ifelse
```

```
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 its 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