

PROBLEM 3-1 (2 points possible)

Examine the following code snippet:

```
stuff = _____
for thing in stuff:
    if thing == 'iPad':
        print "Found it"
```

Select all the values of the variable "stuff" that will make the code print "Found it".

- ☐ ["iBoy", "iGirl", "iQ", "iC", "iPaid", "iPad"]
- ☐ ("iBoy", "iGirl", "iQ", "iC", "iPaid", "iPad")
- ☐ [("iBoy", "iGirl", "iQ", "iC", "iPaid", "iPad")]
- ☐ (["iBoy", "iGirl", "iQ", "iC", "iPaid", "iPad"],)
- ☐ "iPad"
- ☐ 'iPad'

Final Check

Save

You have used 0 of 1 submissions

PROBLEM 3-2 (2 points possible)

The following Python code is supposed to compute the square of an integer by using successive additions.

```
def Square(x):
    return SquareHelper(abs(x), abs(x))

def SquareHelper(n, x):
    if n == 0:
        return 0
    return SquareHelper(n-1, x) + x
```

What is the wrong with this implementation of procedure `Square`? Check all that apply.

- ☐ It is going to return a wrong value.
- ☐ The term `Square` is a reserved Python keyword.
- ☐ Function names cannot start with a capital letter.
- ☐ The function is never going to return anything.
- ☐ Python has arbitrary precision arithmetic.
- ☐ This function will not work for negative numbers.
- ☐ The call `SquareHelper(abs(x), abs(x))` won't work because you can't have `abs(x)` as both parameters.
- ☐ Nothing is wrong; the code is fine as-is.

Final Check

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