PROBLEM 3-1 (2/2 points)

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'`

Show Answer   *You have used 1 of 1 submissions*

PROBLEM 3-2 (2/2 points)

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

```python
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.

Show Answer   *You have used 1 of 1 submissions*

EdX offers interactive online classes and MOOCs from the world's best universities. Online courses from MITx, HarvardX, BerkeleyX, UTx and many other universities. Topics include biology, business, chemistry, computer science, economics, finance, electronics, engineering, food and nutrition, history, humanities, law, literature, math, medicine, music, philosophy, physics, science, statistics and more. EdX is a non-profit online initiative created by founding partners Harvard and MIT.

© 2015 edX Inc.

EdX, Open edX, and the edX and Open edX logos are registered trademarks or trademarks of edX Inc.

Terms of Service and Honor Code

Privacy Policy (Revised 10/22/2014)

About edX

About

News

Contact

FAQ

edX Blog

Donate to edX

Jobs at edX

Follow Us

Twitter

Facebook

Meetup

LinkedIn

Google+