Quiz 6

STUDENT ID: NAME:

Question 1. How would you refer to the value 9 below?

```
a = [  [1 ,2 ,3] ,
       [4 ,5 ,6] ,
       [7 ,8 ,9]  ]
```

A `a[2][2]`

B `a[1][2]`

C `a[2,3]`

D `a[2][1]`

Question 2. What is the final value of **x**?

```
x = [  'a',  'b' ]
y = [  'c',  'd' ]
def add_it ( x ,y ):
    y.append( x )
add_it ( y ,x )
```

A `[ 'a', 'b', 'c', 'd' ]`

B `[ 'a', 'b' ]`

C `[ 'a', 'b', [ 'c', 'd' ] ]`

D `[ 'c', 'd', [ 'a', 'b' ] ]`

E `None`

Question 3. What is the final value of `myfileaslist`?

```
myfile = open ( 'words.txt ')

myfileasstring = myfile.read ()
myfileaslist = myfile.readlines ()

myfile.close ()
```

A `[ ]`

B The contents of the file as a list of strings.

C `None`

Question 4. Do you agree with the following statement?

```
Most scientists think of programming as a tax
they have to pay in order to do science. (Hannay et al., 2009)
```

A Yes

B No