REVIEW SUBMISSION

Quiz 01: Python Fundamentals

Assignment Complete

QUESTION 1

ANSWERED

Language basics

0 / 0 points

Lists, Sets, and Dictionaries are all iterable types

Strings are immutable (i.e., they cannot be changed in place)

Integers are a primitive type, and integer values therefore do not have callable methods

Operators such as '+' and '*' are carried out by invoking special methods on objects.

Go To Question

QUESTION 2

ANSWERED

Language basics

0 / 0 points

1, 2, 3

2, 3, 1

2, 1, 3

3, 2, 1

Go To Question

QUESTION 3

ANSWERED

Language basics

0 / 0 points

[1, 3, 5, 7, 4]

[17, 4]

[4, 7]

[4, 1]

Go To Question

QUESTION 4

ANSWERED

Language basics

0 / 0 points

lst[idx::-1]

lst.__getitem__(idx)

lst.index(idx)

self.index(lst, idx)

Go To Question

QUESTION 5

ANSWERED

Language basics

0 / 0 points

[3, 6, 12]

[3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19]

[20, 17, 11, 2]

[20, 17, 14, 11, 8, 5]

Go To Question

QUESTION 6

ANSWERED

List comprehensions

0 / 0 points

[3, 2, 1, 5, 4, 3, 7, 6, 5]

[5, 4, 3, 2, 7, 6, 5, 4, 9, 8, 7, 6]

[6, 5, 4, 8, 7, 6]

[3, 5, 7, 2, 4, 6, 1, 3, 5]

Go To Question

QUESTION 7

ANSWERED

Iteration

0 / 0 points

IndexError

StopIteration

NotImplementedError

KeyError

Go To Question

QUESTION 8 ANSWERED **Iteration** 5 / 5 points

Full Screen

RESPONSE AREA

Organize answer blocks in the proper order:

```
1 lst = list(range(10))
2 it = iter(lst)
3 while True:
4     x = next(it)
5     print(x)
6
7
8
```

ANSWER BANK

Move the necessary blocks over into the response area:

```
while not next(lst):
    except StopIteration:
    except ValueError:
        yield
it = next(lst)
        break
        x = iter(it)
    try:
```

Go To Question →

QUESTION 9 ANSWERED **Using data structures** 15 / 15 points

code.py Full Screen

```
def dict_intersect(d1,d2):
    d={}
    for obj,value in d1.items():
        if obj in d2:
            d[obj]=(d1[obj],d2[obj])

    return d

print(dict_intersect({'a': 'apple', 'b': 'banana'}, {'b': 'bee',
    'c': 'cat'}))
```

Go To Question →

QUESTION 10 ANSWERED **Using data structures** 15 / 15 points

code.py Full Screen

```
def consolidate(*seqs):
    d={}
    for i in seqs:
        for number in i:
            d[number]=d.get(number,0)+1
    return d

print(consolidate([1,2,3], [1,1,1], [2,4], [1]))
```

Go To Question →