

Name: _____ Section: 1 2 3 4

Use this quiz to help make sure you understand the videos/reading. **Answer all questions.** Make additional notes as desired. **Not sure of an answer?** Ask your instructor to explain in class.

1. Sequences are powerful because:
2. What gets printed by the program shown below when *main* runs?

```
def main():
    list1 = [74, 34, 13, 30, 4004]
    string1 = 'Expert texpert!'

    examples_of_indexing(list1)
    examples_of_indexing(string1)

def examples_of_indexing(sequence):
    length = len(sequence)
    print('Length is', length)

    print('At indices 0, 1 and 4:')
    print(sequence[0])
    print(sequence[1])
    print(sequence[4])

    print('List them all:')
    for k in range(len(sequence)):
        print(sequence[k])
    print()

    print('Cool stuff:')
    print(sequence[-1])

    print('Last item in the sequence:')
    length = len(sequence)
    print(sequence[length - 1])
```

Just take a wild
guess and ask
in class!

Output

3. Given a sequence called **seq** that contains 10 items, write expressions for:
- The beginning item (element) in **seq**: _____
 - The last item (element) in **seq**: _____
4. Suppose that you have a **list** called **my_list** that contains 10 items. What error message appears if you attempt to access **my_list[10]**?
5. Suppose that you have a **string** called **my_string** that contains 10 characters. What error message appears if you attempt to access **my_string[10]**?
6. In Eclipse, when a run-time *exception* (error) occurs, how do you go straight to the line at which the exception occurred?
7. Is that line always the line that is wrong? Yes No (circle your choice)
8. What should you do if the exception occurred in the *zellegraphics* or *create* modules?