1. Suppose that

\[ L = [[[0], [1, 2, 3]], "hello", [10, 20, 30], "application", 800L] \]

and evaluate each of the following expresssions.

(a) \( \text{len}(L[0][1]) \)

(b) \( L[\text{len}(L[1])-2] \)

(c) \( L[\text{len}(L)-1]+L[2][0] \)

(d) \( L[0][1][1] \)

(e) \( L[3][3] \)

2. What is the output produced by the following code fragment.

```python
L = [10, 23, "hi", 1234]
L.extend([12, 1.23])
print L
L.append([10])
print L
```
3. Write a function called `pick` that takes as parameter a list of strings and returns the first string in this list that starts with the letter "a". For example, the call `pick(["word", "bird", "alto", "exhume", "ashen") should return "alto". 