1. Suppose that

\[ L = \text{["hello", [10, 20, 30], "application", [11, 21, 31, [33]], 800L]} \]

and evaluate each of the following expressions.

(a) \( \text{len}(L[3][3]) \)

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

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

(d) \( L[3][3][0] + L[1][1] \)

(e) \( L[2][0] + L[2][2] + L[2][7] \)

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 sublist of words that start with the letter "a". For example, the call `pick(["word", "bird", "alto", "exhume", "ashen"])` should return ["alto", "ashen"].