1. Suppose that
   \[ L = \left[ [1], [1, 2], [[1, 2, 3]], "1000" \right] \]
   and evaluate each of the following expressions.
   
   (a) \[ L[2][0][2] \]

   (b) \[ L[int(L[len(L)-1])-999] \]

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

   (d) \[ len(L[2]) \]

   (e) \[ L[2][0][0] + L[2][0][1] + L[2][0][2] \]

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 of length at least 4 that start with the letter "a". For example, the call pick(["word", "ask", "alto", "exhume", "ashen"]) should return ["alto", "ashen"].