Problem X: Answer the following short coding questions. Your code should be no more than 15 lines. Do not write a function!

Given a cell array `ca`, find the sum of the values that are type double in the array. Each element in the cell array can contain any data type we have learned so far, including other cells. You are guaranteed that there will not be a multi-dimensional cell array in one of the cells in the cell array.

Example:

```
ca = {{9}, [1,63], {'Teen Titans'}, True, {{[17,1,38]}}}
=> tot = 9 + 1 + 63 + 17 + 1 + 38 = 129
```

SOLUTION

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```
tot = 0
for i = 1:length(ca)
     currVal = ca(i)
     while iscell(currVal)
     currVal = currVal{1}
     end
     if isnumeric(currVal)
     tot = tot + sum(currVal)
     end
end
```