Choose the best answer for the following multiple choice.

i. Given cell array

```
ca = {3, {true, {5}, {{'hi'}, 9}, 7}}
```

Which of the following would be the correct way to index out the value 9 class double?

- ◯ `ca(3){2}`
- ◯ `ca{2}{3}(2)`
- ◯ `ca{2}{3}{2}`
- ◯ `ca{2}(3)`

ii. Which of the following correctly concatenates

`ca1 = {5, 9, 2} and ca2 = {7, 4, 13} resulting in newCa = {5, 9, 2, 7, 4, 13}`? Select all that apply.

- ◯ `newCa = {ca1, ca2}`
- ◯ `newCa = [ca1, ca2]`
- ◯ `newCa = [ca1, {ca2}]`
- ◯ `newCa = [ca1; ca2]`

c. Given a 1XN cell array `names`, count how many times the string contained in `favorite` occurs in ca. There may be nested cell arrays, but each nested cell will never have more than one element. For example, you will never get a cell array `ca = {'bob', {'joe', 'chad'}}`. Store your result in the variable `count`.

Example:

```
names = {'andrew', {{'ninja'}}, {{{'billy'}}}, 'ninja',
{{{{'ninja'}}}}, 'billy'};

favorite = 'ninja'
```

count --> 3

SOLUTIONS

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```
for i =1:length(names)
    while iscell(names{i})
        names{i} = names{i}{1}
    end
    mask = strcmp(names,favorite)
end
count = sum(mask)
```