

execute do concatenation but not normal can't do concatenation

```
function! GotoClass(className)
    normal! 1G
    normal! /class\s\+ . a:className<CR>
endfunction
nnoremap <key> :call GotoClass(input('Class name: '))<CR>
```

Now, the most obvious issue is that `:help :normal` can't do concatenation.

A simple fix would be to use `:help :execute`, which does concatenation:

```
function! GotoClass(className)
    normal! 1G
    execute "normal! /class\s\+" . a:className
endfunction
nnoremap <key> :call GotoClass(input('Class name: '))<CR>
```

But we can do better. Instead of abusing `:normal`, which doesn't really add any value here, let's use `:help :/` to replace these two lines:

```
normal! 1G
execute "normal! /class\s\+" . a:className
```

with a single line:

```
function! GotoClass(className)
    execute "1/class\s\+" . a:className
endfunction
nnoremap <key> :call GotoClass(input('Class name: '))<CR>
```

Let's not stop there! Is that custom function really necessary? We could use `:help search()` and get rid of it:

```
nnoremap <key> <Cmd>1call search('class\s\+' . input('Class name: '))<CR>
```

reference

<https://vi.stackexchange.com/questions/41461/how-to-search-within-a-vimscript-function>