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#### Question

[Eduard Lebedyuk](#) · Apr 5, 2018

## Drawing boxes

Hello, Community!

Here's an interesting task I found on the Internet.

### Problem description

Write a method that would draw a box of a specified size.

The goal is to write the shortest method.

Here's a method signature (it can't be modified):

```
ClassMethod main(s As %Integer = 10)
```

And call sample:

```
>do ##class(ITPlanet.Task4).main(5)
#####
## ##
# # #
## ##
#####

>do ##class(ITPlanet.Task4).main(10)
#####
## ##
# # #
#   ##
#   ###
#   ###
#   # #
# #   # #
##     ##
#####
#####
```

  

```
>do ##class(ITPlanet.Task4).main(20)
#####
##   ##
# #   #
#   #  #
#   #  #
#   #  #
#   #  #
#   #  #
#   #  #
#   #  #
#   #  #
#   #  #
#####
#####
```

```
#      ##      #
#      ##      #
#      #  #      #
#      #  #      #
#      #      #      #
#      #          #      #
#  #          #  #      #
#  #          #  #      #
##          ##      #
####################
```

Also, [here's the code](#) to check your result length:

```
ClassMethod length(class = {$classname()}, method = "main") As %Integer
{
    #dim methodObj As %Dictionary.MethodDefinition
    set methodObj = ##class(%Dictionary.MethodDefinition).IDKEYOpen(class, method)
    quit methodObj.Implementation.Size
}
```

My best result is 94 **76** so far.

What's yours? ;)

[#Caché #Code Snippet](#)

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Source URL:<https://community.intersystems.com/post/drawing-boxes>