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filtering data.frame based on row_number()

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▲ **UPDATE: dplyr has been updated since this question was asked and now performs as the OP wanted**

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▼ I'm trying to get the second to the seventh line in a data.frame using dplyr .



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I'm doing this:

```
require(dplyr)
df <- data.frame(id = 1:10, var = runif(10))
df <- df %>% filter(row_number() <= 7, row_number() >= 2)
```

But this throws an error.

```
Error in rank(x, ties.method = "first") :
  argument "x" is missing, with no default
```

I know i could easily make:

```
df <- df %>% mutate(rn = row_number()) %>% filter(rn <= 7, rn >= 2)
```

But I would like to understand why my first try is not working.

[r](#)[dplyr](#)

edited Nov 16 '16 at 12:19

[Jonno Bourne](#)**925** 1 13 34

asked Sep 23 '14 at 11:46

[Daniel Falbel](#)**816** 1 13 29

8 `df %>% filter(row_number() %in% 2:7)` – [akrun](#) Sep 23 '14 at 11:59

I could do that too, but why `df <- df %>% filter(row_number() <= 7, row_number() >= 2)` is wrong?
– [Daniel Falbel](#) Sep 23 '14 at 12:04