A Very Small Test

with xaringan

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This is a slide title

- with some bullet points under
- a second one
- even a third one
- maybe the text should be bigger

This is some R code

```
my_url="http://www.utsc.utoronto.ca/~butler/c32/soap.txt"
soap=read_delim(my_url," ")
```

```
## Parsed with column specification:
## cols(
##   case = col_integer(),
##   scrap = col_integer(),
##   speed = col_integer(),
##   line = col_character()
## )
```
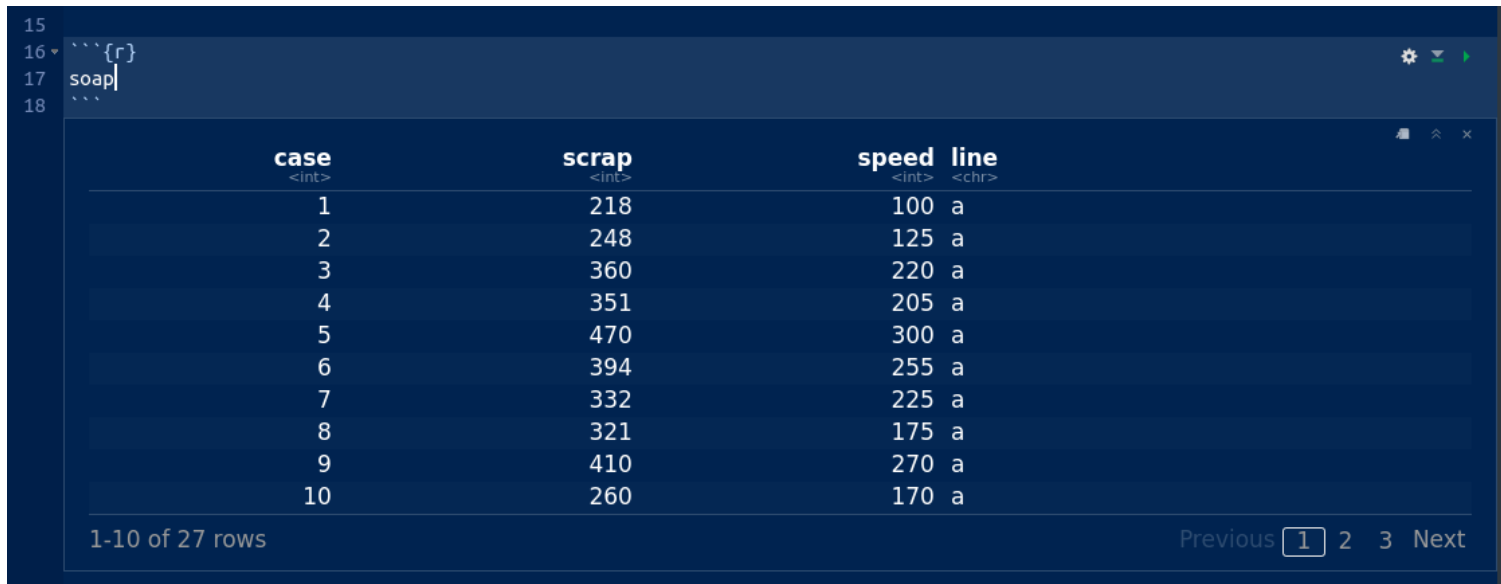
And this is the output it produces

```
soap
```

```
## # A tibble: 27 x 4
##     case scrap speed line
##    <int> <int> <int> <chr>
## 1     1   218   100 a
## 2     2   248   125 a
## 3     3   360   220 a
## 4     4   351   205 a
## 5     5   470   300 a
## 6     6   394   255 a
## 7     7   332   225 a
## 8     8   321   175 a
## 9     9   410   270 a
## 10    10   260   170 a
## # ... with 17 more rows
```

and here is what it looks like in R Studio

... after you click the "play button":

Idea from Garrick Aden-Buie

```
my_url="http://www.utsc.utoronto
soap=read_delim(my_url," ")
soap
```

I'm not sure I like *this*, but it's a cool
idea.

```
## Parsed with column specification:
## cols(
##   case = col_integer(),
##   scrap = col_integer(),
##   speed = col_integer(),
##   line = col_character()
## )

## # A tibble: 27 x 4
##      case scrap speed line
##     <int> <int> <int> <chr>
##  1     1   218   100 a
##  2     2   248   125 a
##  3     3   360   220 a
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##  5     5   470   300 a
##  6     6   394   255 a
##  7     7   332   225 a
##  8     8   321   175 a
##  9     9   410   270 a
## 10    10   260   170 a
## # ... with 17 more rows
```
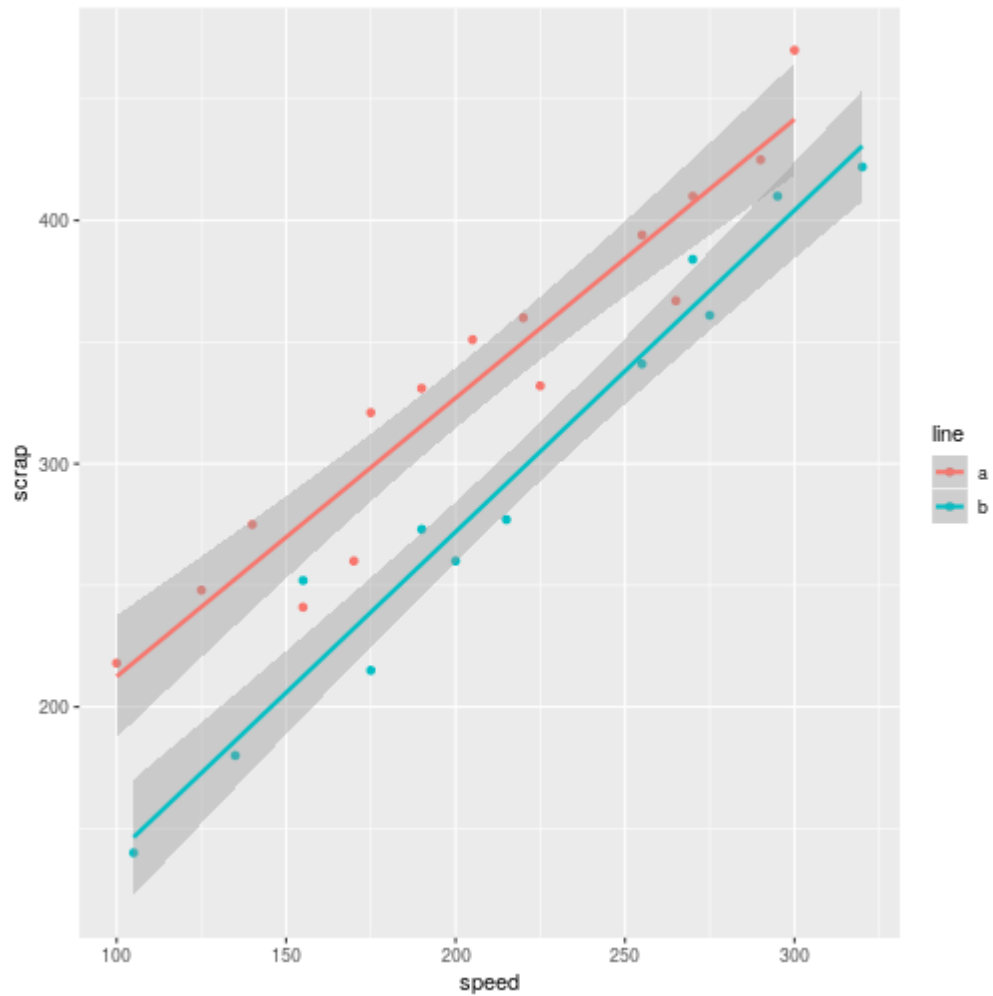
Making a plot
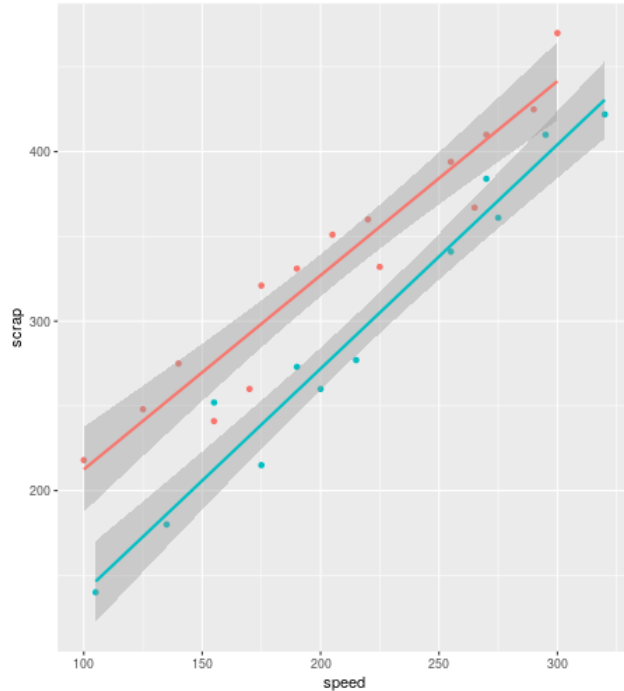
using the same "delayed output" thing:

```
ggplot(soap, aes(y=scrap, x=speed, colour=line))+
  geom_point()+
  geom_smooth(method="lm")
```

The plot

The plot, with comments

- the red line is above the blue one
- more scrap at any given speed on line A than line B
- scrap increases with speed (for both lines)
- two lines almost parallel: scrap increases with speed at same rate for both lines

Another way to do the same thing

... without the "envelopes" this time:

```
ggplot(soap, aes(y=scrap, x=speed, colour=line))+
  geom_point()+
  geom_smooth(method="lm", se=F)
```

The last line changed, so I highlighted it. (It took a bit of fiddling to get the alignment to work.)

and now to show it