

rmarkdown demo

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to render this r-markdown file, run the following command:

```
R
> install.packages("rmarkdown")

rscript -e "rmarkdown::render('file.rmd')"
rscript -e "rmarkdown::render('./demos/rmarkdown/rmarkdown.rmd')"
```

code blocks

```
print("hello crabs!")
```

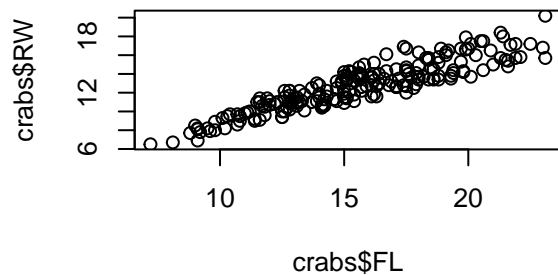
```
## [1] "hello crabs!"
```

```
# sessionInfo()
```

```
library("MASS")
library("knitr")
kable(head(crabs))
```

sp	sex	index	FL	RW	CL	CW	BD
B	M	1	8.1	6.7	16.1	19.0	7.0
B	M	2	8.8	7.7	18.1	20.8	7.4
B	M	3	9.2	7.8	19.0	22.4	7.7
B	M	4	9.6	7.9	20.1	23.1	8.2
B	M	5	9.8	8.0	20.3	23.0	8.2
B	M	6	10.8	9.0	23.0	26.5	9.8

```
# plot multiple graphs
par(mfrow=c(2,2))
plot(crabs$FL, crabs$RW)
```



```
x <- 5
```

for a circle with the radius 5, its area is 78.5398163.