

# Python code chunks in R Markdown

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## A normal R code chunk

```
library(reticulate)
x = 42
print(x)
```

```
## [1] 42
```

## Modify an R variable

In the following chunk, the value of `x` on the right hand side is 42, which was defined in the previous chunk.

```
x = x + 12
print(x)
```

```
## [1] 54
```

## A Python chunk

This works fine and as expected.

```
x = 42 * 2
print(x)
```

```
## 84
```

The value of `x` in the Python session is 84. It is not the same `x` as the one in R.

## Modify a Python variable

```
x = x + 18
print(x)
```

```
## 102
```

Retrieve the value of `x` from the Python session again:

```
py$x
```

```
## [1] 102
```

Assign to a variable in the Python session from R:

```
py$y = 1:5
```

See the value of y in the Python session:

```
print(y)
```

```
## [1, 2, 3, 4, 5]
```

```
echo "Hello Bash!"
cd C:/Sashi/R_Projects/dsc520/data
cat Scores1.csv Scores1.csv > Scores12.csv
cat Scores12.csv
```

```
## Hello Bash!
## Count,Score,Section
## 10,200,Sports
## 10,205,Sports
## 20,235,Sports
## 10,240,Sports
## 10,250,Sports
## 10,265,Regular
## 10,275,Regular
## 30,285,Sports
## 10,295,Regular
## 10,300,Regular
## 20,300,Sports
## 10,305,Sports
## 10,305,Regular
## 10,310,Regular
## 10,310,Sports
## 20,320,Regular
## 10,305,Regular
## 10,315,Sports
## 20,320,Regular
## 10,325,Regular
## 10,325,Sports
## 20,330,Regular
## 10,330,Sports
## 30,335,Sports
## 10,335,Regular
## 20,340,Regular
## 10,340,Sports
## 30,350,Regular
## 20,360,Regular
## 10,360,Sports
```

## 20,365,Regular  
## 20,365,Sports  
## 10,370,Sports  
## 10,370,Regular  
## 20,375,Regular  
## 10,375,Sports  
## 20,380,Regular  
## 10,395,Sports  
## Count,Score,Section  
## 10,200,Sports  
## 10,205,Sports  
## 20,235,Sports  
## 10,240,Sports  
## 10,250,Sports  
## 10,265,Regular  
## 10,275,Regular  
## 30,285,Sports  
## 10,295,Regular  
## 10,300,Regular  
## 20,300,Sports  
## 10,305,Sports  
## 10,305,Regular  
## 10,310,Regular  
## 10,310,Sports  
## 20,320,Regular  
## 10,305,Regular  
## 10,315,Sports  
## 20,320,Regular  
## 10,325,Regular  
## 10,325,Sports  
## 20,330,Regular  
## 10,330,Sports  
## 30,335,Sports  
## 10,335,Regular  
## 20,340,Regular  
## 10,340,Sports  
## 30,350,Regular  
## 20,360,Regular  
## 10,360,Sports  
## 20,365,Regular  
## 20,365,Sports  
## 10,370,Sports  
## 10,370,Regular  
## 20,375,Regular  
## 10,375,Sports  
## 20,380,Regular  
## 10,395,Sports