

# Chapter 2: Introduction to R and RStudio

## Answers to Exercises

Brian Fogarty

### Contents

<b>Answers to Exercise 1</b>	<b>1</b>
Exercise 1.a . . . . .	1
Exercise 1.b . . . . .	1
Exercise 1.c . . . . .	1
Exercise 1.d . . . . .	1
Exercise 1.e . . . . .	1
Exercise 1.f . . . . .	1
Exercise 1.g . . . . .	2
Exercise 1.h . . . . .	2
<b>Answers to Exercise 2</b>	<b>2</b>
Exercise 2.a . . . . .	2
Exercise 2.b . . . . .	2
Exercise 2.c . . . . .	2
Exercise 2.d . . . . .	2

### Answers to Exercise 1

#### Exercise 1.a

```
11+3
```

```
[1] 14
```

#### Exercise 1.b

```
11-3
```

```
[1] 8
```

#### Exercise 1.c

```
11/3
```

```
[1] 3.666667
```

#### Exercise 1.d

```
11*3
```

```
[1] 33
```

### Exercise 1.e

```
a <- 11+3  
a
```

```
[1] 14
```

### Exercise 1.f

```
b <- 11-3  
b
```

```
[1] 8
```

### Exercise 1.g

```
a*b
```

```
[1] 112
```

### Exercise 1.h

```
a/b
```

```
[1] 1.75
```

## Answers to Exercise 2

### Exercise 2.a

```
x1 <- c(3,4,5,6,7)  
x1
```

```
[1] 3 4 5 6 7
```

### Exercise 2.b

```
x2 <- c(21,13,4,18,29)  
x2
```

```
[1] 21 13  4 18 29
```

### Exercise 2.c

```
x3 <- c(x1,x2)  
x3
```

```
[1]  3  4  5  6  7 21 13  4 18 29
```

## Exercise 2.d

```
df1 <- as.data.frame(x3)
df1
```

	x3
1	3
2	4
3	5
4	6
5	7
6	21
7	13
8	4
9	18
10	29