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DataCamp: Intro to R Assignment

Section 1

Q1:

The variable a contains character data

Q2:

The variable b1 contains numerical data

Q3:

The variable b2 contains character data

Q4:

Adding b1 and b2 results in an error because numeric data cannot be added to character data

Q5:

Yes, the variables b1 and c1 are of the same type.

Q6:

B1 and c1 both contain numbers. The integers of c1 (0, 1, 2, 3) are added to the number 45.6

Section 2

Q7:

```
v1 <- -2:2
```

Q8:

```
v2 <- (-2:2) * 3
```

Q9:

```
sum(v2)
```

Section 3

Q10:

```
vec_4 <- 1:12
```

```
mat_1 <- matrix(vec_4, byrow = TRUE, nrow = 3)
```

Q11:

```
vec_4 <- 1:12
```

```
mat_2 <- matrix(vec_4, byrow = FALSE, nrow = 3)
```

Section 3

Q12:

```
> two <- 5.2
```

```
> one <- "five point two"
```

```
> three <- 0:5
```

```
> my_list_1 <- list(two, one, three)
```

```
> my_list_1
```

```
[[1]]
```

```
[1] 5.2
```

```
[[2]]
```

```
[1] "five point two"
```

```
[[3]]
```

```
[1] 0 1 2 3 4 5
```

Q13:

```
my_list_1[[3]]
```

Q14:

```
my_list_1$one
```

Section 4

Q15:

```
my_bool_vec <- my_vec == 3
```

Q16:

```
my_vec[my_bool_vec]
```