

Section 1 Test

Question 1: What is the difference in the output of these two commands? One of these is in single quote and other in double quote.

```
a <- "R Studio"  
b <- 'R Studio'
```

Answer: There is no difference. You can provide character type data in either single or double quote. It does not make any difference.

Question 2: Create a vector with the following values and find the mean of these: 253, 635, 365

```
a <- c(253, 635, 365)  
mean(a)  
## [1] 417.6667
```

Question 3: What will be output of the following code.(12 or 20)

```
5*2+2  
## [1] 12
```

Hint: When evaluating a function, R follows the BODMAS rule. The BODMAS acronym is for:

- Brackets (parts of a calculation inside brackets always come first).
- Orders (numbers involving powers or square roots).
- Division.
- Multiplication.
- Addition.
- Subtraction.

In this example the first operation was the multiplication of 5 and 2 = 10 and then 2 was added to that.