

# DSC520: Assignment 00 for Week 2

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2022-06-18

```
# Basics
```

```
## Add 8 and 5  
8+5
```

```
## [1] 13
```

```
## Subtract 6 from 22  
22-6
```

```
## [1] 16
```

```
## Multiply 6 by 7  
6*7
```

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

```
## Add 4 to 6 and divide the result by 2  
(4+6)/2
```

```
## [1] 5
```

```
## Compute 5 modulo 2  
5%%3
```

```
## [1] 2
```

```
## Assign the value 82 to the variable x  
## Print x  
x <- 82  
print(x)
```

```
## [1] 82
```

```
## Assign the value 41 to the variable y  
## Print y  
y <- 41  
print(y)
```

```
## [1] 41
```

```
## Assign the output of x + y to the variable z
## Print z
z <- x + y
print(z)
```

```
## [1] 123
```

```
## Assign the string value "DSC520" to the variable class_name
## Print the value of class_name
class_name <- "DSC520"
print(class_name)
```

```
## [1] "DSC520"
```

```
## Assign the string value of TRUE to the variable is_good
## Print the value of is_good
is_good <- TRUE
print(is_good)
```

```
## [1] TRUE
```

```
## Check the class of the variable is_good using the `class()` function

class(is_good)
```

```
## [1] "logical"
```

```
## Check the class of the variable z using the `class()` function
class(z)
```

```
## [1] "numeric"
```

```
## Check the class of the variable class_name using the class() function
class(class_name)
```

```
## [1] "character"
```