Week2-Assignment1

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Basics

Addition

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

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

Subtraction

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

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

Multiplication

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

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

Division

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

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

Modulo

```r
# Compute 5 modulo 2
5 %% 2
```

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

Variable Assignment

```r
# Assign the value 82 to the variable x
x <- 82
#Print x
x
```

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

Variable Assignment

```r
# Assign the value 41 to the variable y
y <- 41
#Print y
y
```

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

Variable Addition

```r
# Assign the output of x + y to the variable z
z <- x + y
#Print z
z
```

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

String Variable

```r
# Assign the string value "DSC520" to the variable class_name
class_name <- "DSC520"
# Print the value of class_name
class_name
```

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

Logical Variable

```r
# Assign the string value of TRUE to the variable is_good
is_good <- TRUE
# Print the value of class_name
is_good
```

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

Class Check

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

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

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

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

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

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