

R Output

```
# Assignment: ASSIGNMENT 0
# Name: Roy, Bidisha
# Date: 2023-12-10

# 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
(6+4)/2

## [1] 5

## Compute 5 modulo 2
5%2

## [1] 1

## 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
var_class <- class(is_good)
# Print the class
print(var_class)

## [1] "logical"

## Check the class of the variable z using the `class()` function
var_class_z <- class(z)
# Print the class
print(var_class_z)

## [1] "numeric"

## Check the class of the variable class_name using the class() function
var_class_c <- class(class_name)
# Print the class
print(var_class_c)

## [1] "character"
```