assignment_00.R

maxim

2024-12-05

```
# Assignment: ASSIGNMENT 0 (2.2 Exercise)
# Name: Bilenkin, Maxim
# Date: 2024-12-03

# Basics

## Add 8 and 5
result <- 8 + 5
print(result)
```

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

```
## Subtract 6 from 22
result <- 22 - 6
print(result)
```

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

```
## Multiply 6 by 7
result <- 6 * 7
print(result)
```

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

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

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

```
## Compute 5 modulo 2
result <- 5 %% 2
print(result)
```

```
## [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
print(class(is_good))
```

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

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

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

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

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