



Variables and Data Types

Lesson Outcomes

1. Know what a variable is
2. Know how to assign a value to a variable
3. Know what a data type is
4. Know what floats, integers, and Boolean values are
5. Know what variable reassignment is
6. Know variable naming rules



What is a Variable?

Example of a Variable

```
myVariable = 5
```



Data Types

Floating-Point Numbers

float1 = 1.2345

float2 = -1.25

float3 = 0.0

float4 = 13.0

float5 = -0.5

Integers

int1 = 7

int2 = -52

int3 = 0

int4 = 900

int5 = -749

Booleans

```
bool1 = True
```

```
bool2 = False
```


Variable Reassignment

```
reAssigned = 3
```

```
reAssigned = 7
```

Variable Naming Rules

_myVariable

9myVariable

myVariable45

!myVariable

MyVariable

Recap

1. Know what a variable is
2. Know how to assign a value to a variable
3. Know what a data type is
4. Know what floats, integers, and Boolean values are
5. Know what variable reassignment is
6. Know variable naming rules



What's Next?