

Let's learn about Variables.



Variables let us store and load information.

In other words, we can "read" from and "write to" a variable with data. This lets us use data later.



You can think of a variable as a box that holds data. That data could be a number, a string, or any type of data. After the data is put in, we can take it out later.

Variables vs. Data	
print (14)	age = 14 print(age) Read

Anywhere that you use literal data, you can replace it with a variable.



Variables in computing are very different from variables in math.

In math, a variable is an unknown that we are solving for.

In computing, we always know the value of a variable, but we are manipulating it.

A variable varies over time, but according to instructions that the programmer has written.



Variables are defined by their name.

Names are absolutely crucial in programming, and choosing them is an art.

Names are best when they are accurate, meaningful, and concise.

We use good variable names to communicate clearly; not just with other programmers, but with ourselves as we try to figure out code that we have written.

Of course, computers do not understand variable names



There are two rules for naming variables: Names can only have letters, numbers, and underscores. Names must begin with a letter or underscore