



# CL04 - Local Variables

# Variables

## Declaration of a variable

`<name>: <type> = <value>`

`students: int = 300`

`message: str = "Howdy!"`

## Update a variable

`<name> = <new value>`

`students = 325`

`message = "See ya!"`

# Diagram

```
1  def check_nums(nums: str) -> str:
2      my_val: int = 70
3      num: int = int(nums)
4      if num == my_val:
5          |   print("Correct!")
6      elif num < my_val:
7          |   print("Small number! " + nums)
8      else:
9          |   print("Big number! " + nums )
10     return nums
11
12  print(check_nums("75"))
```

# Challenge Question!

Go to course site for instructions!