

A times we need to change a data type and the most common situation is to turn a string into a number (float or integer) or to go the other way.

To do this we can “cast” the variable to a new data type.

```
#declare 2 string variables
```

```
my_num1 = "345"
```

```
my_num2 = "425"
```

```
print(my_num1 + my_num2) ← prints 345425
```

```
#casting to integers
```

```
) my_num1 = int(my_num1)
```

```
my_num2 = int(my_num2)
```

```
print(my_num1 + my_num2) ← prints 770
```

```
# this cast will return an error
```

```
# because it is illogical
```

```
my_string = "Twelve"
```

```
my_string = int(my_string) ← Program Crash
```