































Trick: Type Conversion

• You can convert a variable's type

> Use the type's *constructor*

Conversion Function/Constructor	Example	Value Returned
int(<number or="" string="">)</number>	int(3.77)	3
	int("33")	33
<pre>float(<number or="" string="">)</number></pre>	float(22)	22.0
str(<any value="">)</any>	str(99)	"99"
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Another Example: **Restricting User's Inputs** >>> x = 7 >>> yourVal = input("My val is: ") My val is: x >>> print(yourVal) Х >>> yourVal = eval(input("My val is: ")) My val is: x >>> print(yourVal) What happened here? >>> yourVal = int(input("My val is: ")) My val is: x Traceback (most recent call last): File "<stdin>", line 1, in <module> ValueError: invalid literal for int() with base 10: 'x' Sept 18, 2017 Sprenkle - CSCI111 25











