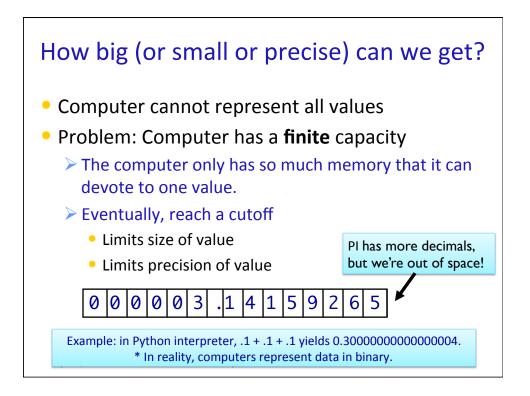
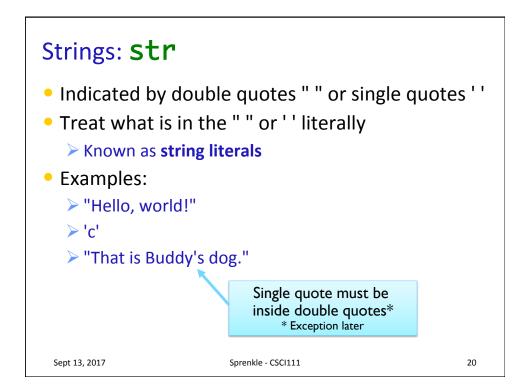
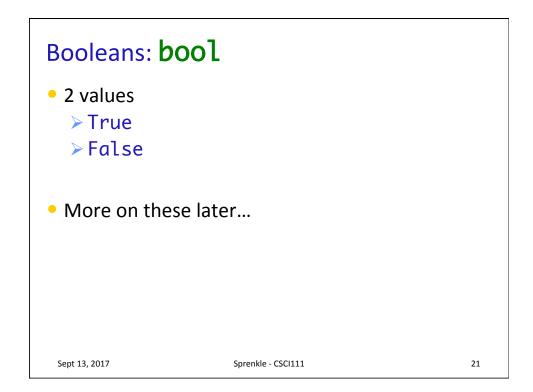


Python Data Type	Description	Examples
int	Plain integers (32-bit precision)	-214, -2, 0, 2, 100
float	Real numbers	.001, -1.234, 1000.1, 0.00, 2.45
complex	Imaginary numbers (have real and imaginary part)	1j * 1J → (-1+0j)
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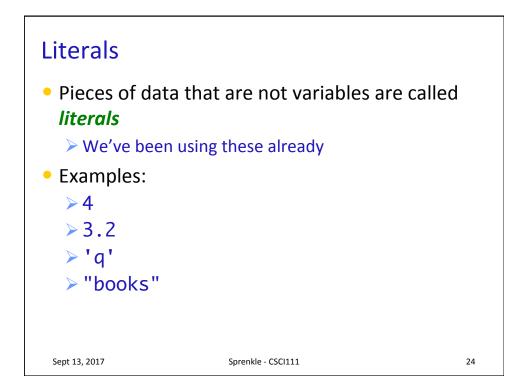


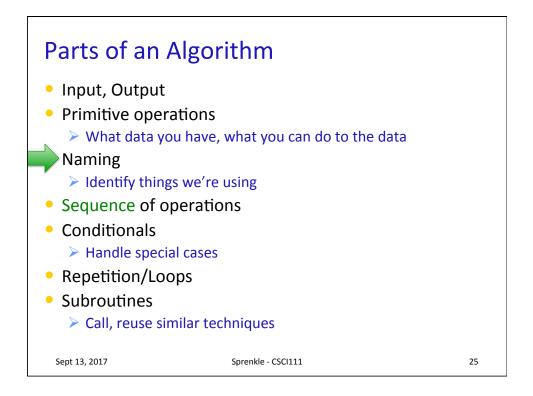


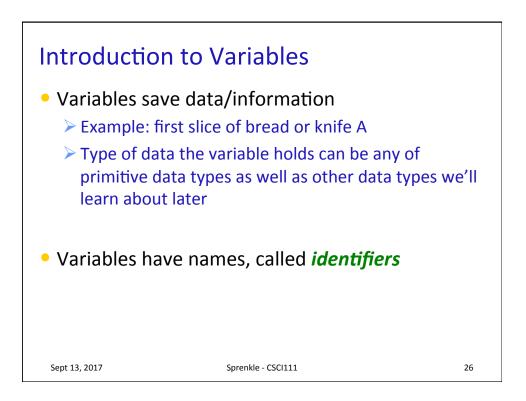


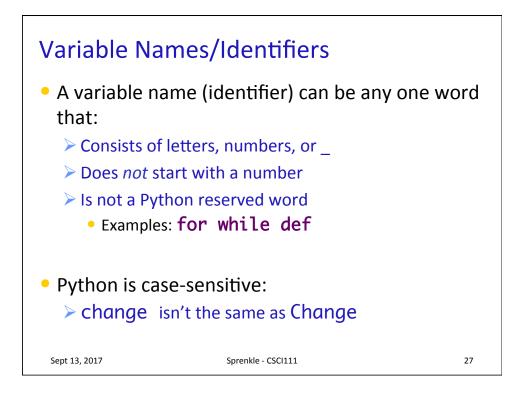
Wha	at is the val	ue's type	?	
	Value		Туре	
	52			
Γ	-0.01			
	4+6j			
	"3.7"			
	404758364	8		
	True			
	'false'			
_				
Sept 13,	2017	Sprenkle - CSCI111		22

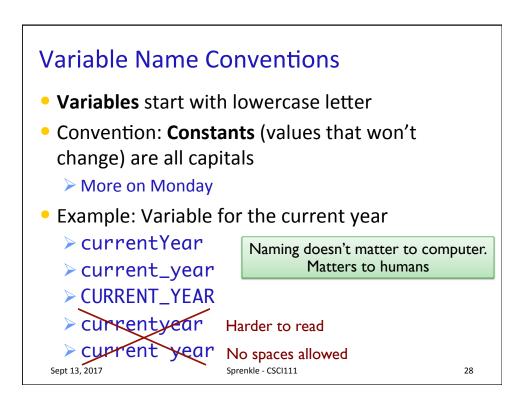
Value	Туре	
52	int	
-0.01	float	
4+6j	complex	
"3.7"	str	
4047583648	int	
True	boolean	
'false'	str	

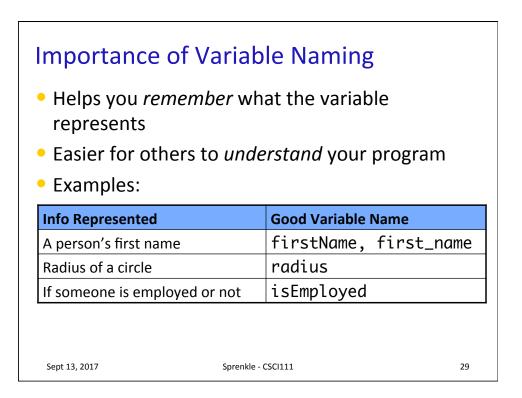


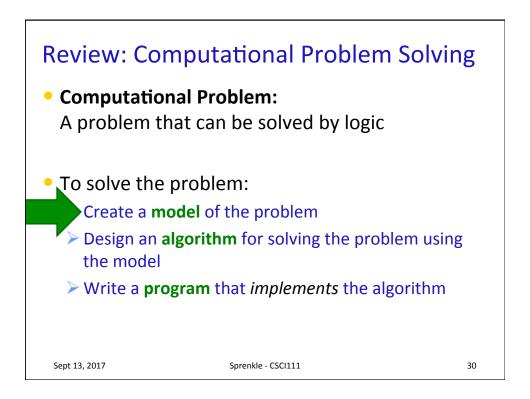












## **Modeling Information**

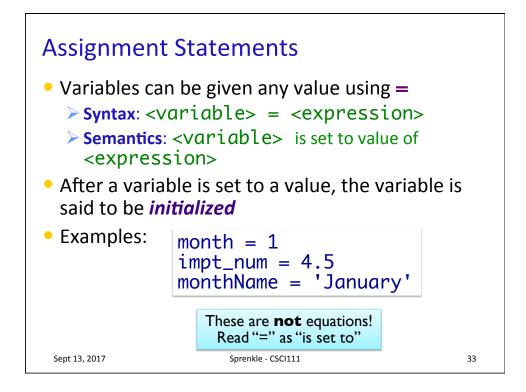
- How would you *model* this information?
- What data type best represents the info?

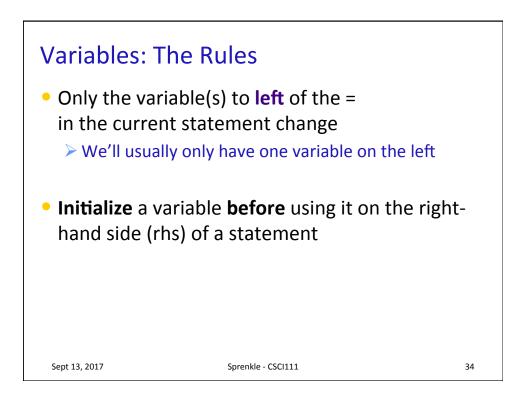
Info Represented	Data Type	Variable Name
A person's salary		
Sales tax		
If item is taxable		
Course name		
Graduation Year		
Sept 13, 2017	Sprenkle - CSCI111	31

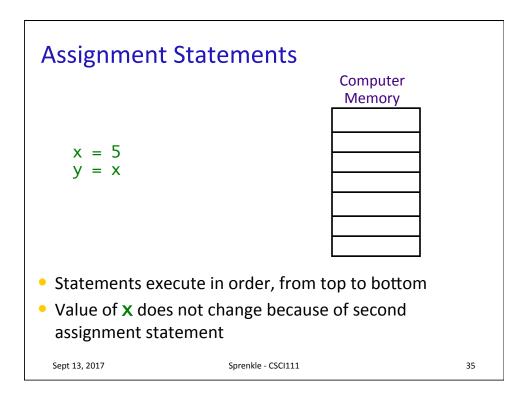
## **Modeling Information**

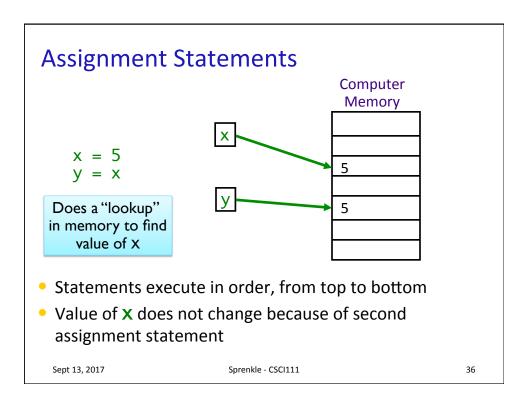
- How would you *model* this information?
- What data type best represents the info?

Info Represented	Data Type	Variable Name
A person's salary	int or float	salary
Sales tax	float	salesTax
If item is taxable	boolean	isTaxable
Course name	str	course_name
Graduation Year	int	gradYear
	Variable	names are just suggestio
Sept 13, 2017		her possible variable nar









	Symbol	Meaning	
	+	Addition	
	-	Subtraction	
	*	Multiplication	
	/	Division	
	%	Remainder ("mod")	
	**	Exponentiation (power)	
-			-

