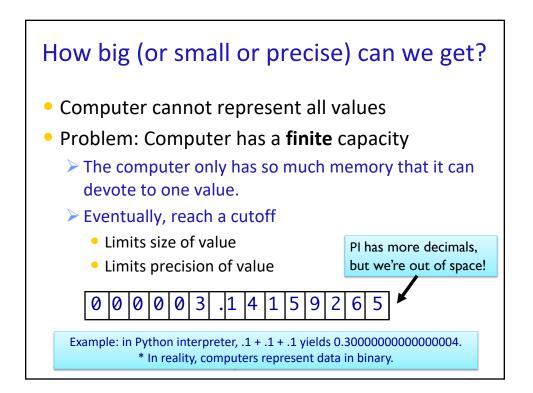
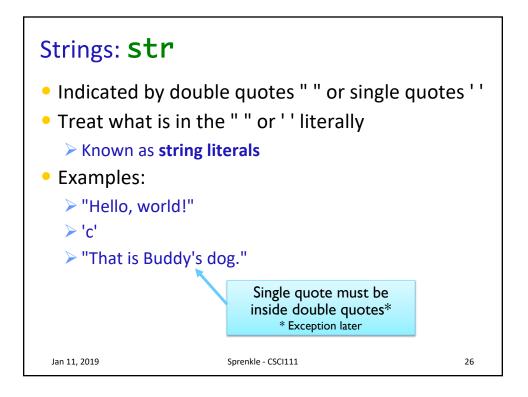
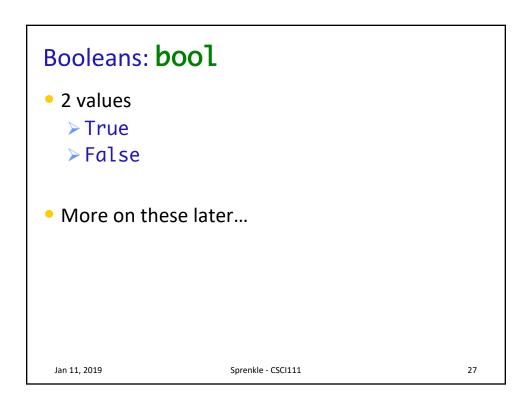


Noin integers (22 bit	
lain integars (22 hit	
Plain integers (32-bit precision)	-214, -2, 0, 2, 100
Real numbers	.001, -1.234, 1000.1, 0.00, 2.45
maginary numbers (have eal and imaginary part)	1j * 1J → (-1+0j)
n	eal numbers naginary numbers (have

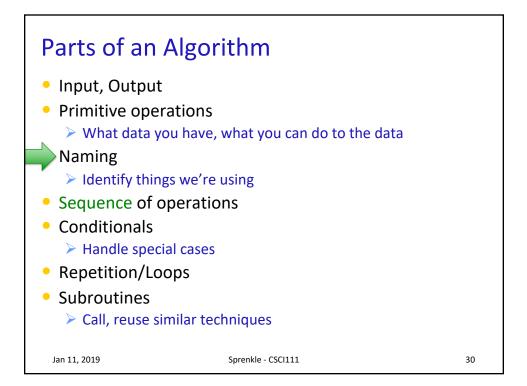


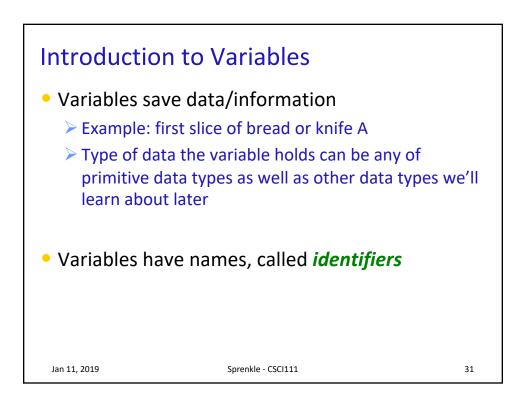


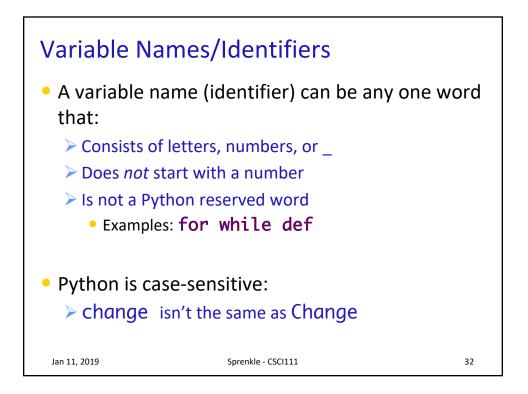


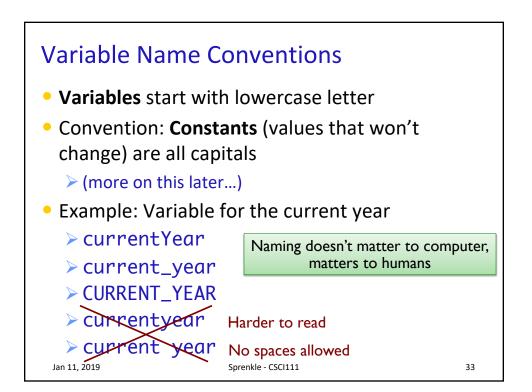
Value	Туре	
52		
-0.01		
4+6j		
"3.7"		
4047583648		
True		
'false'		

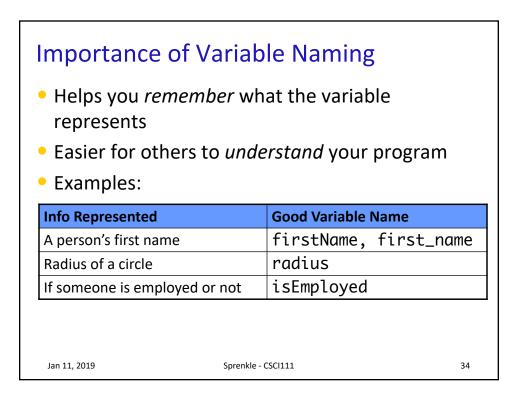
Value	Туре	
52	int	
-0.01	float	
4+6j	complex	
"3.7"	str	
4047583648	int	
True	boolean	
'false'	str	

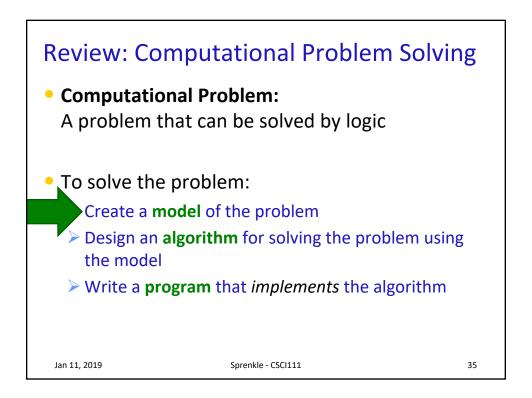










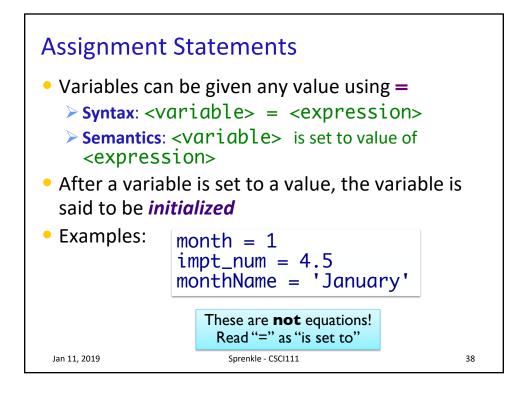


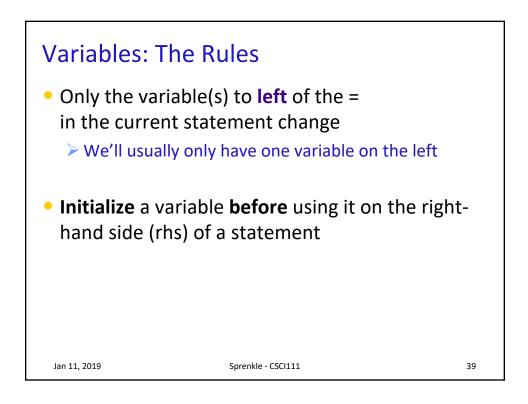
Modeling Info • How would you m • What data type be	nodel this informat	
Info Represented	Data Type	Variable Name
A person's salary		
Sales tax		
If item is taxable		
Course name		
Graduation Year		
Jan 11, 2019	Sprenkle - CSCI111	36

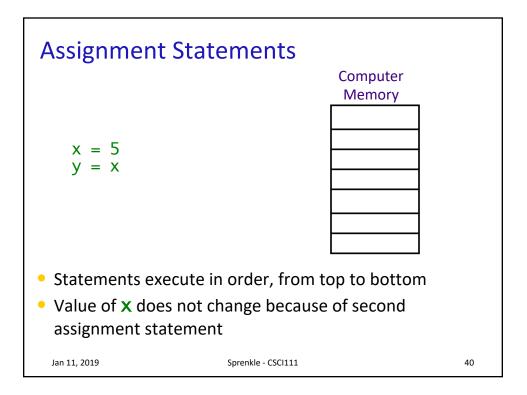
Modeling Information

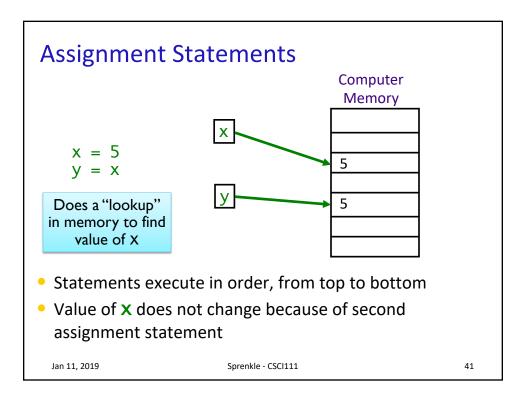
- How would you *model* this information?
- What data type best represents the info?

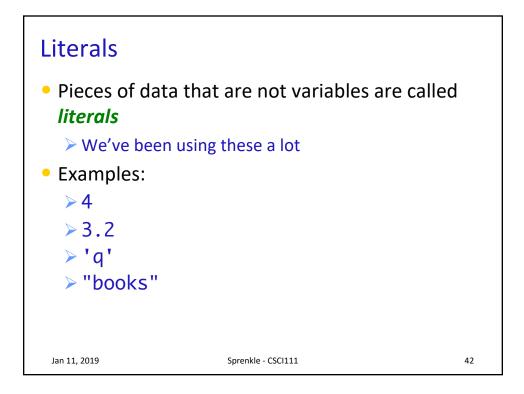
Info Represented	Data Type	Variable Name
A person's salary	int or float	salary
Sales tax	float	salesTax
If item is taxable	boolean	isTaxable
Course name	str	course_name
Graduation Year	int	gradYear
		names are just suggestio her possible variable nam
Jan 11, 2019	Sprenkle - CSCI111	37











Symbol	Meaning	
+	Addition	
-	Subtraction	
*	Multiplication	
/	Division	
%	Remainder ("mod")	1
**	Exponentiation (power)	1

