16 Au	3 2 4
(1)	PyCharm - application - to do Python
	Py Charm - application - to do Python (Community edition) - Editor, File tree, Output, Console Programming
(2)	Book: Learning Progremming with Athon 3
(3)	
	Basic expressions - integers, florts, datatypes strings
HW:	Finish last class HW
	_ 3.expressions file also

21 Aug 29 integers, floats, stowngs 23, 42,-64 23.1,43.0,-61.7 "This" Datatypes calculations Simple Expressions -s 3+4+5 (mt) 42.6+ 53.2 (+1 set -> 'this' + 'is'

Operator:

+
$$\rightarrow$$
 addition 3th = 7
- \rightarrow subtraction 10-4=6
** \rightarrow multiplication 20*4=80
(asterisk) division 20/4=5
(slash) 21/4=5.25
// \rightarrow int. division 21/4=5
(gustient) 21/4=5
(nemainday) 4**6=46
= $4\times4\times4\times4\times4\times4\times4$
 $4*6=4\times6=4+4+4+4+4$
 $4*6=46=4\times6=4\times4\times4\times4\times4$

```
Empty Space:
 Same -> 3+4, 3, + 4, 3
   Type casting:
int-) floot: 30+42-3 = 30.0 + 42.3 = 72.3
int floot that that
           30 + inf(42.3) = 30 + 42 = 72
              "Result is"+(42*63)
                    = "Result is + 2709
  = Result is 2709
stv-) int ('24') = 24; int ('3c4k') => error
```

String operators? 3 x 'Pig = BgPigPig Pig + Car = Pig Car HW: Ch.3 textbook -> Create a progrem file -s Type everything that is in the text book Play with operators, expressions, type casting Maths class HN+,-,*, (10 for each) do all of those in python and verity (create a program called Math HW)

09 Sep 24 Operator precedence (order): 3 + 4 - 6 × 14 / 2 + 3 × (4-1)-float (24) (2) 4+412 = 8/2 X 24+2 Brackets, of, division, multiply, add, subtred _ parantheses, exponential, multiplication,
() (power) division, add, subtract Python

Variables: A place where you store values.

You can give any name to a variable. Exi my Van = 43 Voorisble names can not by pythos keywords -> myVar + 23 -> my Var & 2 - Eg: for, in, true, false x= < some value > Assignment operator

HW: (1) Read all previous class rates

(2) Ch. 4 code type into a program

file and run