

variable naming →

↳ A variable can't start with a number - It must start with a letter or underscore

↳ A variable can have a number, underscore, & letters anywhere else.

↳ We cannot have space anywhere

↳ The only special character allowed is underscore.

↳ Variable naming is case sensitive

↳ what kind of data we can store in an array

~~integer~~ \Rightarrow -ve, +ve, 0

4 or 5 cups

first

(differential)

boolean

character

always wrap it in double quotes ""

float

In python text is called as string

↳ Python str stands for string

Boolean → True / False

↳ python

x = True

y = False

Python supports multiline strings.

Generally any string can be made using single, double or triple quotes.

But only triple quotes support multiline string

We can't use more than triple quotes.

How is a character created in python ??

→ To create character in python we just make a string of one length

* string → It is a collection of multiple characters arranged in a formation

!a!

But do you think, to understand a code snippet we need some documentation.

These are called comments. Comments are some part of your code that is never executed when we run the code.

To write comments in python we use '#'

Keywords → A keyword is a set of special words that have special meaning in a language. Each keyword has different usage. You should never use a keyword as name of variable.

True	False	None	and	as
asset	def	class	continue	break
else	finally	elif	del	except
global	for	if	from	import
raise	try	or	return	pass
nonlocal	in	not	is	lambda

Doubts

→

How to poing

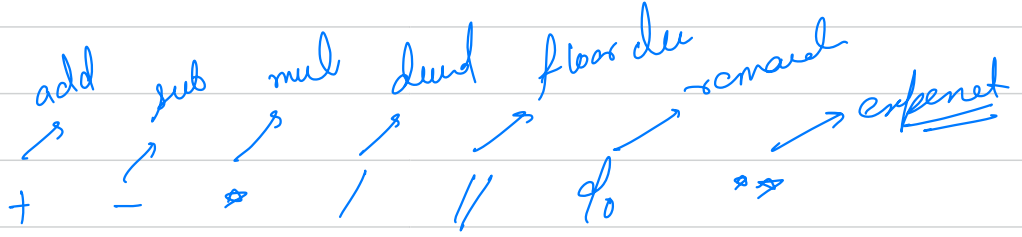


Some characters have symbol, some don't have it

These are called special characters escape characters

Operators

→ Arithmetic



→ Comparison
relational



$==$, $!=$, $<=$, $>=$, $>$, $<$

→ logical



and, or, not

The expression x and y , first evaluates x , if x is false, its value is returned, otherwise y is returned.