

- 9. What three functions can be used to get the integer, floating-point number, or string version of a value?
- 10. Why does this expression cause an error? How can you fix it?

'I have eaten ' + 99 + ' burritos.'

1)

Values -

'hello', -878,6

(Can be integes of string)

Expressions -

* , - , 1 , +

(ase Manneymatical operators)

2>

- * A string is a collection of characters which is written in angle

 Quotes (61) double Quotes. It is a daratype in python. It is immutable.
- * A vosiable is a name that can refer to a value. It is like an empty box that can be filled with Gome data. Even a string is data, so we can origin it to volvable.

82

my smig = "Saket Ram"

valiable

3)

Datatypes in python -

- 1 Int Integess ex- a=8, b=6, C=43
- (2) Hoat twaling point vawes (decimal points also mentioned) cx a = 8.33; b = 7.432
- (3) wring collection of characters. Cimmotoble)
- (1) list a configuous collection of element. (Mutable
- 3 Tuple (Ammorable)
- (Set (Dichonary

- 4) An expression is a combination of operands and operators which reduces to a signle name.
 - is restormed
- indicate

 An operator is used to aspecify the type of operation
 being performed.

Explesion
$$for this \longrightarrow z = a+1$$
, $z = a-b+1$.

Explesion $for this \longrightarrow z = t+a$

Unary $\longrightarrow a+t$, $c--$

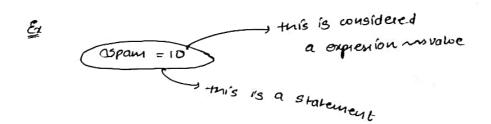
binary $\longrightarrow a+b$, $a+b$, $a-b$, $a|b$, $c=a$, $d=a$

ternary $\longrightarrow cap1$? $cap2$: $cap3$

* Explesions are as said before one concusivery reduced to single names and they are origined to variables.

But income of statements they are any declared.

Cike a tos loop, if condition, ... etc. There are an statements.



bancon + 1

bancon + 1

will just paint as.

but no effect on the variable bacon. It will still refer to the inveges 22 only.

8) Here, eggs is a variable which can be used to lefer to a value.

But 100, is an integer and cannot be used as a variable based on

the rules of Pithon.

EZ Str(366) → OIP "366"

This expression will give ever because 99 nese is an integer and integer together.

= "
I have eaten 99 burritos."