Bython - Assignment -1.

AL

(fiven:- a) *
b) 'hello
c) -87.8
d) e) /
f) +
g) 6

Values: 0'hello' @ -87.8 @ 6

Englishion: - 0 * @ - @ / @ +

A2

String > . It is a derived Datatype

· Many characters combine together to

form a string.

· An empty set of char aquires 24 bytes

So min. space string baquires is 24 bytes,

i.e. (192 bits).

valuable » A valuable is like a bon to store the data.

· We may need to declare the type of valuable before assigning any value to it. (They both should be of same detappe)



1 Integers

They are date the which stores any tre, -re whole number value.

Z={---7,-6---0 --- 4,5,6---3

Normal Meithernatical operations are available · Addition on integers

· Subtraction

· Multiplication

· Division

follows BODMAS Rule

2 Strings

Collection of characters is alla called a Aling. It is supposented as etr.

It is a derived datatable so its first letter is always apitalized when declared.

There are valuous Methods which are applied On strings eg:-

@ length -> Returns length of entered string.

(1) . Capatalize () => Consents filest character of ottoing to uppercase

(c) find () => Returns position of where the searched allung is present.

And Mony more.

3 Float

Jellows its methods by it also includes decimal point values.

And its between its value in decimal points even if the number is a whole number.

The space allocation is quite different.

it is 24 bytes for foot

16 + 8

RETERENCE STORREE

I for integers it is 28 bytes i.e. => 16+8+4 APRAY SPACE

Ay The expressions are the combinations of variable constants and operators in a logical manner.

They returns a value, it could be integer, float, Boolean.

nepult = P+9 * 12/56 > This is an Levaliable Leperator. A5 A set of instructions which returns some kind of value (integer, float, boolean) is can be termed as an expression.

where as , A Statement does not return any value.

Ab the bacon valuable after huming the code will still contain 22 bacon = 22

because (bacon+1) is not assigning any value in any valuable.

AT Both gives some output, => spam spamspam => spamspamspam

A volutables name cannot start with any special character and digit.

Hence, 100 is invalid for valuables name.

Ag For integer => int()

For floating point => float()

For strings => dr()

All Here in this employs on 99 is integer part and rest two are strings.

In pithon only some dataffle (ie. Str.) can concatable So, now, we have to typecast 99 int site.

So, the code will be:phint ('I have eaten' + str(99) + 'bwrritos')

