Answers

1. ‘Hello’

-

+

/

6

The above are the values can be integer or strings and mathematical opertors

1. A variable is a store of information and a string is is a type of information you would store in in a variable. A string is usually words enclosed with “”eg string X = “welcome to github” X is a variable and we declare it as a string.
2. -> int - the value is represented by int class it contains positive or negative whole numbers

->float - the value is represented by float class it is real number with floating point representation . it is specified by decimal point

-> complex – hold the complex numbers

4. A combination of operands and operators is called an expression. The expression in Python produces some value or result after being interpreted by the Python interpreter.

5.

Difference between an expression and a statement is:

* Expression : it is a combination of opertors and oprands
* Statement : a statement in python is used for creating variables or displaying the values

6.

After running the following code the bacon contains the variable 22

7.

-> ‘spamspamspam’

->’spamspamspam’

8.

Eggs is a valid variable name while 100 is not because always the variable name should start with alphabets and it cannot contain any special charc

9.

Three functions used to get the integer, floating-point number, or string

version of a value are:

-🡪 a=7

Type(a)

>> int

* pi=3.14

type(pi)

>>float

* “22”+”22”

‘2222’

10.

The above expression cause error because it is an TypeError: can only concatenate str (not "int") to str.

For this we need to concatenate to ‘str’ from ‘int’ then the above fixed easily and correctly.