1. In the below elements which of them are values or an expression? eg:- values can be integer or string and expressions will be mathematical operators.

\*

'hello'

-87.8

-

/

6

\* - expression

'hello' - value

-87.8 - value

- -- expression

/ - expression

+ - expression

6 value

2. What is the difference between string and variable?

String is one of the data type in python which indicates characters where as variable can be assigned to a valid value and it can have value of any datatype

3. Describe three different data types.

Boolean,INT,String

4. What is an expression made up of? What do all expressions do?

expression is made up of arithemetic , mathematical operators which performs mathematical functions

5. This assignment statements, like spam = 10. What is the difference between an expression and a statement?

Expression is used to perform an operation to calculate where as statement can only indicates that a value is assigned to some variable

6. After running the following code, what does the variable bacon contain?

bacon = 22

bacon + 1

23

7. What should the values of the following two terms be?

'spam' + 'spamspam'

'spam' \* 3

Ans:spamspamspam , spamspamspam

8. Why is eggs a valid variable name while 100 is invalid?

variable name only accepts alphbetcals in the begining of variable name or '\_'

9. What three functions can be used to get the integer, floating-point number, or string version of a value?

int() , float() , and str( )

10. Why does this expression cause an error? How can you fix it?

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

because 99 is a integer we cannot combine string and integer