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.

Ans -- Values :-- -87.8, 6 , 'hello'

Expressions:-- - , / , +,\*

2. What is the difference between string and variable?

Ans: String is a partcular data type and variable can store values of nay dat type.

3. Describe three different data types.

Ans: Integer, String, Float

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

Ans: A combination of values, variables,operators and operannds to produce or interpret some other value.All expressions produce some value.

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

Ans:An expression alwayes evaluates to value while statement does something like creating a variable or displaying a value.

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

bacon = 22

bacon + 1

Ans:-- 23

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

'spam' + 'spamspam'

'spam' \* 3

Ans:

Output:--spamspamspam

Spamspamspam

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

Ans: Accordindg to the rules of naming of variable we can not start the name with a number. We can start with character, underscore.

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

Ans: Int(),float(),str()

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

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

Ans:- We can not concatenate string with Inetger. For fixing we will put single quotes on 99.