1 ) 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.

Answer: values is 6 , -87.8 , “hello”

Expression is \* , - , /, +

2. What is the difference between string and variable?

Answer : string means store of information and variables means in which you have store the info

Eg :

Name=”priyanshu Dhunilal Gupta”

**Name** is variable and “ priyanshu Dhunilal Gupta” is string

3. Describe three types of data types ?

Answer : 1) Integer , Float , String , Datetime

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

Answer : a combination of variable and operators is called expression

Expression gives a result

Eg a=5

B=a+5 #its a Expression

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

**Answer** : here the spam=10 is a statement and we use a spam variable else where that time it will become expression

B=spam+23 # HERE the B is a expression

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

bacon = 22

bacon + 1

**answer:** answer will be a 23

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

“spam” + “spamspam”

“spam”\* 3

Answer : answer of 1st will be a spamspamspam

It a string concatenation

Answer of 2nd will be : spamspamspam

It will print a string 3 times

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

Answer : beacause 100 is integer and eggs is a variable

Its not allowed in python

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

Answer: the 1st one is int()

Eg a =int(input(“enter a 1st number”))

B=float(input(“enter a 2nd number “))

C=str(a)

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

“I have eaten “ + 99 +” burritos.”

answer

Here the string and integer can not concatenate , we can convert the 99 into string otherwise we can do print(“I have eaten” , 99 , “biryani”)