**1.What are the difference between operator and values in the following?**

* **\* :- The Atrick symbol is an operator. It is use for multiplication of the number.**
* **‘hello’ :- It is a string value**
* **-87.8 :- It is a negative number.**
* **- :- It is use for operation**
* **/ :- It is user division**
* **+ :- The plus symbol is use to add the number and also use for concatenate**
* **6 :- It is an integer number**

**2.What is the difference between string and variable**

**String :- string is a data type in the programming. It is enclosing in single or double blesses. “ ” or ‘ ‘.**

**Variable:- Variable are used for to store the data. We use those data with the help of variable name.**

**3. Describe three Different data forms.**

**Int :- Int can store the whole number. It is use for to perform the basic mathematical operation.**

**String:- string is store one or more character. It is enclosing in single or double inverted commas. “ ” or ‘ ‘.**

**Boolean :- In Boolean “True” or “False” are two values.**

**4.What makes up an expression? What are the functions of all expressions?**

**Ans: Two or more values and at least one operator can makes up an expression.**

**Expression is a combination of operator, values, variable.**

**5.In this chapter, assignment statements such as spam = 10 were added. What's the difference between declaration and an expression?**

**Ans: In the declaration we can create a variable.**

**Performing some operation is an expression.**

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

**Bacon = 22**

**Bacon + 1**

**Ans: the variable bacon contain 23.**

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

**‘spam’ + ‘spamspam’**

**Ans : ‘spamspamspam’**

**‘spam’\*3**

**Ans : ‘spamspamspam’**

**8.Why is it that eggs is a true variable name but 100 is not?**

**Ans: The variable name always start with the character that why eggs is a true variable name but 100 is not.**

**9.Which of the following three function may be used to convert a value to an integer, a floating – point number ,or a string?**

**Ans: int function is use for convert a value to an integer. Float function is use for convert a value to an floating – point number. Str function is use for convert a value to an string.**

**10.What is the error caused by this expression? What would you do about it ?**

**‘I have eaten’ + 99 + ‘burritos’**

**Ans: only concatenate the string to string.**

**We can enclose the 99 in the single or double inverted commas.**