Assignment 1 answers

1. Values vs expressions
   1. Values- any assigned int or char
      1. ‘Hello’, ‘\*’ , -87.8,
   2. Expression - has a maths function .
      1. +,-,/,=
2. String vs variable
   1. String = any number of characters of char or mix data types . the values contained can’t be changed.
   2. variable= any character to which a string value is assigned, this variable can be modified, deleted, updated and that is why it is variable.
3. 3 different typer of data types:
   1. Numeric- int, float, bit, small int, big int
   2. Character - char, varchar
   3. Bool
4. An expression is a combination of similar type of data type and some mathematical operation to connect them. Eg: ‘sudh’+’kum’ = ‘sudh kum’
5. Difference between expression and statement
   1. Statement - eg: spam = 10 , we have defined a variable and assigned some value to it .
   2. Expression - when we perform some operation using that statement . eg:
6. Bacon =22
7. spamspamspam , spamspamspam
8. Eggs is a valid variable name because it is a string type, which can be assigned different values but an integer type variable can’t be assigned any other value, it has to be string
9. Int, float, bool
10. In the expression , it adds an int type to a string datatype which is not possible. Mathematical operation can be conducted only on similar datatype.