**Assignment\_1**

**Python Basic Assignment:**

Ans : 1)

Values: ‘hello’, -87.8, 6

Expression: \*, -, /, +,

Ans:2)

String : It is an datatype of python with is used to stored string values

Ex: “hello”, “Ravi”

Variable: It is a name memory location which can hold some data.

Ex: a=10, b=”Hello World”

Note: In this example a & b are variables.

Ans: 3)

Datatypes in Python:

1. Integer(int): Is it used to store integer value. Ex: 10,20,30,-40
2. String(str): It is used to store string value. Ex: “Hello”, “Ravi”
3. Float: Its is used to stored decimal value. Ex: 0.1,0.002

Ans: 4)

Expression is a mixture of various values, variable and operators with the help of datatypes.

+ : It will do addition

-: It will do subtraction

/: it will do division

\*: it will do multiplication

Ans:5)

Statements represent an action or command

Span = 10 - span is a variable and it storing 10 on it memory location

Expression is a mixture of various values, variable and operators with the help of datatypes.

Ex: x+1, y-2,i++

Ans:6)

Bacon = 22

Bacon + 1

o/p: bacon =23

Ans:7)

a = 'spam'+ 'spamspam'

print(a)

o/p: spamspamspam

b = ‘spam’\*3

print(b)

o/p: spamspamspam

Note: Output will be same.

Ans:8)

Eggs is valid because its first index is a letter and not contain any number or symbol on it. We can use (\_ and $) symbol on first index or numbers in middle and last of variable name.

100 is a number it can’t be variable because the rule of literal number should not come in first index it should be come in middle and last of variable name.

Ans:9)

Int(): to get integer

Float(): to get floating point number

Str(): to get string value

Ans:10)

Connot convert int value to string.

a ='i have eaten'+'99'+'burritos'

print(a)

o/p: i have eaten99burritos