ASSIGNMENT 1:

1. The operators are +,-,\*and/.The values are’hello’,-87.8, and 6.

2. Variable is to store information. String is a type of information you would store in variable.

3. Three different types of data types are int,float,string.

4. Expressions is a combination of values and operators.

Expressions evaluate to a single value.

5. Expressions evaluate to a single value.

Statement does not evaluate to a single value.

6. bacon=22

bacon= bacon+1

bacon= 23

7.Both evaluates to string “spamspamspam”.

8.100 is invalid because variable name cannot begin with a number.

9.int(),float(),string().

10.Fix:’I have eaten’+str(99)+’burritos’.

Assignment 2:

1. Two values of Boolean data type are True and False.

2. and ,or ,not.

3. And Truth Table:

1. \* 0= 0

0 \* 1= 0

1. \* 0=0

1\* 1=1

0r Truth Table:

0+0=0

0+1=1

1+0=1

1+1=1

Not Truth Table:

~0=1

~1=0

4. False

False

True

False

False

True

5. ==,!=,<,>,<=,>=

6.== is the operator that compares two values.

= is the operator that stores a value in a variable.

7. if spam==10:

print(‘eggs)

if spam>5:

print(‘bacon’)

else:

print(‘ham’)

print(‘spam’)

8. if spam == 1:

print('Hello')

elif spam == 2:

print('Howdy')

else:

print('Greetings!')

9.Ctrl+C

10.Break stops the execution of the remaining loop.

Continue only terminates the execution of the current iteration of loop.

11.they all give the same output.

12. for loop:

for i in range(1, 11):

print(i)

while loop:

i = 1

while i <= 10:

print(i)

i = i + 1