1. What is the output of the following code?

var1 = 1

var2 = 2

var3 = "3"

print(var1 + var2 + var3)

ans: error because operators are of different types

2. What is the output of the following code?

valueOne = 5 \*\* 2

valueTwo = 5 \*\* 3

print(valueOne)

print(valueTwo)

ans: 25

125

3. What is the output of the following

x = 36 / 4 \* (3 + 2) \* 4 + 2

print(x)

ans: 182

4. What is the output of the following code?

var= "James Bond"

print(var[2::-1])

ans: maJ

5. What is the output of the following code?

p, q, r = 10, 20 ,30

print(p, q, r)

ans: 10 20 30

6. What is the output of the following code?

str = "pynative"

print (str[1:3])

ans: yn

7. What is the output of the following code?

sampleSet = {"Jodi", "Eric", "Garry"}

sampleSet.add(1, "Vicki")

print(sampleSet)

ans: will give an error as add() takes one operand

8. What is the output of the following code?

sampleList = ["Jon", "Kelly", "Jessa"]

sampleList.append(2, "Scott")

print(sampleList)

ans: will give an error as append() takes one operand

9. What is the output of the following code?

var = "James" \* 2 \* 3

print(var)

ans: James James James James James

10. What is the output of the following code?

listOne = [20, 40, 60, 80]

listTwo = [20, 40, 60, 80]

print(listOne == listTwo)

print(listOne is listTwo)

ans: True

False

10. What would be the output of the following

L = ['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i']

print(L[-7:-2])

ans: ['c', 'd', 'e', 'f', 'g', 'h', 'i']

11. What would be the output of the following

L = ['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i']

print(L[6:1:-2])

ans: ['c', 'e', ‘g']

12. What is the following code doing ?

L = ['a', 'b', 'c', 'd', 'e']

L[1:2] = [1, 2, 3]

print(L)

ans: L = ['a', 1, 2, 3, 'c', 'd', 'e']