1. What is the output of the following addition (+) operator

a = [10, 20]

b = a

b += [30, 40]

print(a)

print(b)

**Ans: [10, 20, 30, 40]**

**[10, 20, 30, 40]**

1. What is the output of print(2%6)
2. ValueError
3. 0.33
4. 2

**Ans: c) 2**

1. What is the output of the following code:

print(bool(0), bool(3.14159), bool(-3), bool(1.0+1j))

1. True True False True
2. False True True True
3. True True False True
4. False True False True

**Ans: b) False True True True**

1. What is the output of the expression print (-18 // 4)?

**Ans: -5**

1. What is the output of print (2 \*\* 3 \*\* 2)?

Ans: 512

1. 4 is 100 in binary and 11 is 1011. What is the output of the following bitwise operators?

a = 4

b = 11

print(a | b)

print(a >> 2)

**Ans: 15**

**1**

1. What is the value of the following Python Expression?

print(36 / 4)

**Ans: 9.0**

1. What is the output of the following assignment operator?

y = 10

x = y += 2

print(x)

**Ans: SyntaxError: invalid syntax**

1. What is the output of print (2 \* 3 \*\* 3 \* 4)

**Ans:216**

1. Which of the following operators has the highest precedence?

**Ans: Parentheses :The precedence order in Python follows PEDMAS, i.e. Parentheses, Exponential, Division, Multiplication, Addition, Subtraction.**

1. What is the output of print(10 - 4 \* 2) ?

**Ans: 2**

1. What is the output of the following code:

x = 6

y = 2

print(x \*\* y)

print(x // y)

**Ans: 36**

**3**