**Your answers:**

| Q-1 | Q-2 | Q-3 | Q-4 | Q-5 | Q-6 | Q-7 | Q-8 | Q-9 | Q-10 | Q-11 | Q-12 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| C | A | B | C | B | C | B | C | B | B | D | A |

Activites 1 & 2

```python
answer1 = 5 + 3
answer2 = 7 * 4

print("answer1")
print(answer1)


x = 7
print(x)
y = x + 5

# The following prints using the format function
print("x is {} and y is {}".format(x, y))

# The following prints using the interpolation method
print("x is %d and y is %d" % (x, y))
```

```
/opt/homebrew/bin/python3 /Users/rohin/GitHub/CS1026/lab1/1.py
answer1
8
7
x is 7 and y is 12
x is 7 and y is 12
```

## Activity 3

```python
shopName = input("Enter shop name: ")

ringQTY = int(input("Enter quantity of rings: "))
glassesQTY = int(input("Enter quantity of glasses: "))

print("Shop name: {}".format(shopName))
print("Rings: {}".format(ringQTY))
print("Glasses: {}".format(glassesQTY))

print("Inventory Total: {}".format(ringQTY + glassesQTY))
```

```
/opt/homebrew/bin/python3 /Users/rohin/GitHub/CS1026/lab1/2.py
Enter shop name: glasses and rings!
Enter quantity of rings: 5
Enter quantity of glasses: 4
Shop name: glasses and rings!
Rings: 5
Glasses: 4
Inventory Total: 9
```