Day one

1. a) A programming language
2. b) Python is case-sensitive
3. b) print(“Hello, World!”)
4. a) .py
5. b) A document that provides guidelines and best practices for writing Python code

**Variables, Data Types, and Operators**

1. c) x = 5
2. b) Float
3. b) \*\*
4. c) List
5. c) 20 10

**Control Flow**

1. a) if
2. a) A
3. c) break
4. b) for is used for definite iteration; while is used for indefinite iteration.
5. b) 0 1 2 Done

**Containers**

1. b) [1, 2, 3]
2. c) 3
3. c) Perform union and intersection
4. b) Lists are mutable, tuples are immutable
5. c) ‘Not Found’

Functions

1. b) def myFunc():
2. b) Hello, Alice! Hello, Guest!
3. a) Stops the function and returns a value
4. b) A function that calls itself
5. b) 12

Day Two

OOPs

Q1. B Q2. C Q3. B Q4. C Q5. A Q6. B Q7. B Q8. A Q9. C Q10. D

Approach towards Programming

1. c
2. b
3. a
4. a
5. b
6. b
7. c
8. b
9. b
10. d