

Q1[A]:

1. Difference between C, Java, and Python.
2. Explain data type in Python.
3. Explain Memory Management in Python.

Q2[A]:

1. Explain Slicing and Processing with example.
2. What is Function? Explain pass by object reference.
3. What is Looping? Explain While Loop with example.

Q3[A]:

1. What is Tuple? Explain Creating and accessing Tuple Elements.
2. What is File? Explain Create, Reading and Writing in File.
3. What is Class? Explain Creation of Class and Object.

Q4[A]:

1. Write a Python Program to display the Fibonacci series.
2. Write a Python Program to Create a sequence of numbers using range data type to Display 1 to 30, with an increment of 2. (With Output)

Q1[B]:

1. Explain flavors of Python in detail.
2. Explain operators in Python in detail.
3. Explain data types in Python in detail.

Q2B]:

1. Explain functions in Python with example in detail.
2. Explain module in Python with example in detail.
3. Explain array in Python with operations and example in detail.

Q3[B]:

1. Explain inheritance with example in detail.
2. Explain list with all operations, methods and example in Python.
3. Explain constructor with example in detail.

Q4B]:

1. Explain exception and exception handling with example in detail.
2. Explain command line arguments with example in detail.
3. Write a Python program to insert row in table in MySQL database.