

## **Principle of Programming Language (RCS-503)**

### **ASSIGNMENT 2**

1. For a language of your choice, find an example of a primitive operation that is undefined for some data objects in its specified domain. Also discuss the criteria for implementation of operations. Hint: directly as hardware operation, as a procedure or function subprogram, as an inline code sequence.[CO1,CO2]
2. What are transient and persistent data objects?[CO1]
3. What are the two issues to be considered in implementation of elementary data type?[CO1,CO2]
4. What are implicit and explicit declarations?[CO1]
5. What is declaration? Explain the purpose of declaration.[CO1]
6. Explain the L and R values with suitable example.[CO1]
7. What is composite data type? Explain character string data type.[CO1,CO2]
8. Why do we use pointers? Also explain the problem of pointer implementation.[CO2]
9. Explain different way of storage representation of data structure.[CO1]