

## Unit-8: RMI and CORBA

### Assignments:

1. What is RMI? Discuss the architecture of RMI in detail.
2. What is CORBA and Why CORBA is important? How is it different from RMI?
3. Describe the process to run the RMI application.
4. What is the significance of stub and skeleton in RMI? Create a RMI application such that a client sends an integer number to the server and the server return the factorial value of that integer. Give a clear specification for every step.
5. Write a Java programs using RMI to find product of two numbers.
6. What is Stub and Parameter Marshalling? Write a client/server application using RMI to find addition of two numbers.
7. Write client and server programs in which a server program accepts a radius of a circle from the client program. Computes area sends the computed area to the client program and displays it by client program.
8. Write short notes on:
  - a. RMI Registry
  - b. CORBA
  - c. Stub and Skeleton
9. What is Java Beans? How is it different from other Java classes? Discuss property design patterns with suitable example of each.