```
code:
1. Service.java (Service Interface)
java
import java.rmi.Remote;
import java.rmi.RemoteException;
// Service interface
public interface Service extends Remote {
  String sayHello(String name) throws RemoteException;
}
2. ServiceImplementation.java (Service Implementation)
java
import java.rmi.server.UnicastRemoteObject;
import java.rmi.RemoteException;
// Service implementation
public class ServiceImplementation extends UnicastRemoteObject implements Service {
  protected ServiceImplementation() throws RemoteException {
    super();
  }
```

```
@Override
  public String sayHello(String name) throws RemoteException {
    return "Hello, " + name + "!";
  }
}
3. ServiceApplication.java (RMI Server)
java
import java.rmi.registry.LocateRegistry;
import java.rmi.registry.Registry;
public class ServiceApplication {
  public static void main(String[] args) {
    try {
      // Create the service implementation
      Service service = new ServiceImplementation();
      // Create RMI registry on port 1099
       Registry registry = LocateRegistry.createRegistry(1099);
      // Bind the service to the registry
       registry.rebind("HelloService", service);
       System.out.println("Service is running...");
    } catch (Exception e) {
      e.printStackTrace();
    }
  }
}
```

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4. ServiceClient.java (RMI Client)
java
import java.rmi.registry.LocateRegistry;
import java.rmi.registry.Registry;
public class ServiceClient {
  public static void main(String[] args) {
    try {
      // Locate the RMI registry
       Registry registry = LocateRegistry.getRegistry("localhost", 1099);
      // Lookup the remote service
      Service service = (Service) registry.lookup("HelloService");
      // Call the remote method
      String response = service.sayHello("World");
      System.out.println(response);
    } catch (Exception e) {
      e.printStackTrace();
    }
  }
}
output:
Service is running...
Hello, World!
```