

## Adder.java

```
import java.rmi.Remote;
import java.rmi.RemoteException;

public interface Adder extends Remote {

    public int add (int x, int y) throws RemoteException;
}
```

## AdderRemote.java

```
import java.rmi.RemoteException;
import java.rmi.server.UnicastRemoteObject;

public class AdderRemote extends UnicastRemoteObject implements Adder {

    AdderRemote() throws RemoteException {
        super();
    }

    public int add (int x, int y) {
        return x + y;
    }
}
```

## MyServer.java

```
import java.rmi.Naming;

public class MyServer {

    public static void main(String[] args) {
        try {
            Adder stub = new AdderRemote();
            Naming.rebind("rmi://localhost:5000/myserver", stub);
        } catch (Exception e) {
            System.out.println(e);
        }
    }
}
```

## MyClient.java

```
import java.rmi.Naming;

public class MyClient {

    public static void main (String[] args) {

        try {
```

```
        Adder stub = (Adder)
Naming.lookup("rmi://localhost:5000/myserver");
        System.out.println(stub.add(34, 4));
    } catch (Exception e) {
        System.out.println();
    }
}
}
```

## Outputs:

**C:\Users\3atha\code\study\oosw\expt-11**

λ javac Adder.java

**C:\Users\3atha\code\study\oosw\expt-11**

λ rmic AdderRemote

Warning: generation and use of skeletons and static stubs for JRMP is deprecated. Skeletons are unnecessary, and static stubs have been superseded by dynamically generated stubs. Users are encouraged to migrate away from using rmic to generate skeletons and static stubs. See the documentation for `java.rmi.server.UnicastRemoteObject`.

**C:\Users\3atha\code\study\oosw\expt-11**

λ rmiregistry.exe 5000

**C:\Users\3atha\code\study\oosw\expt-11**

λ javac MyServer.java

**C:\Users\3atha\code\study\oosw\expt-11**

λ java MyServer

**C:\Users\3atha\code\study\oosw\expt-11**

λ javac MyClient.java

**C:\Users\3atha\code\study\oosw\expt-11**

λ java MyClient

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