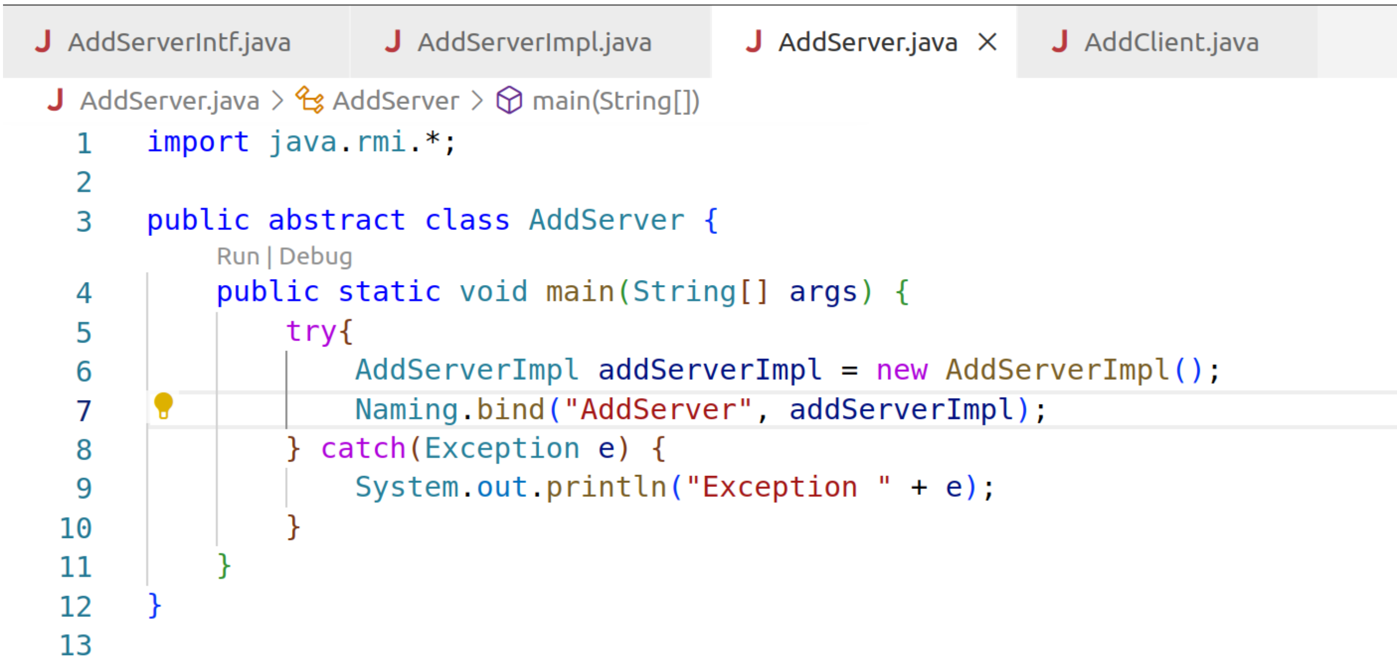
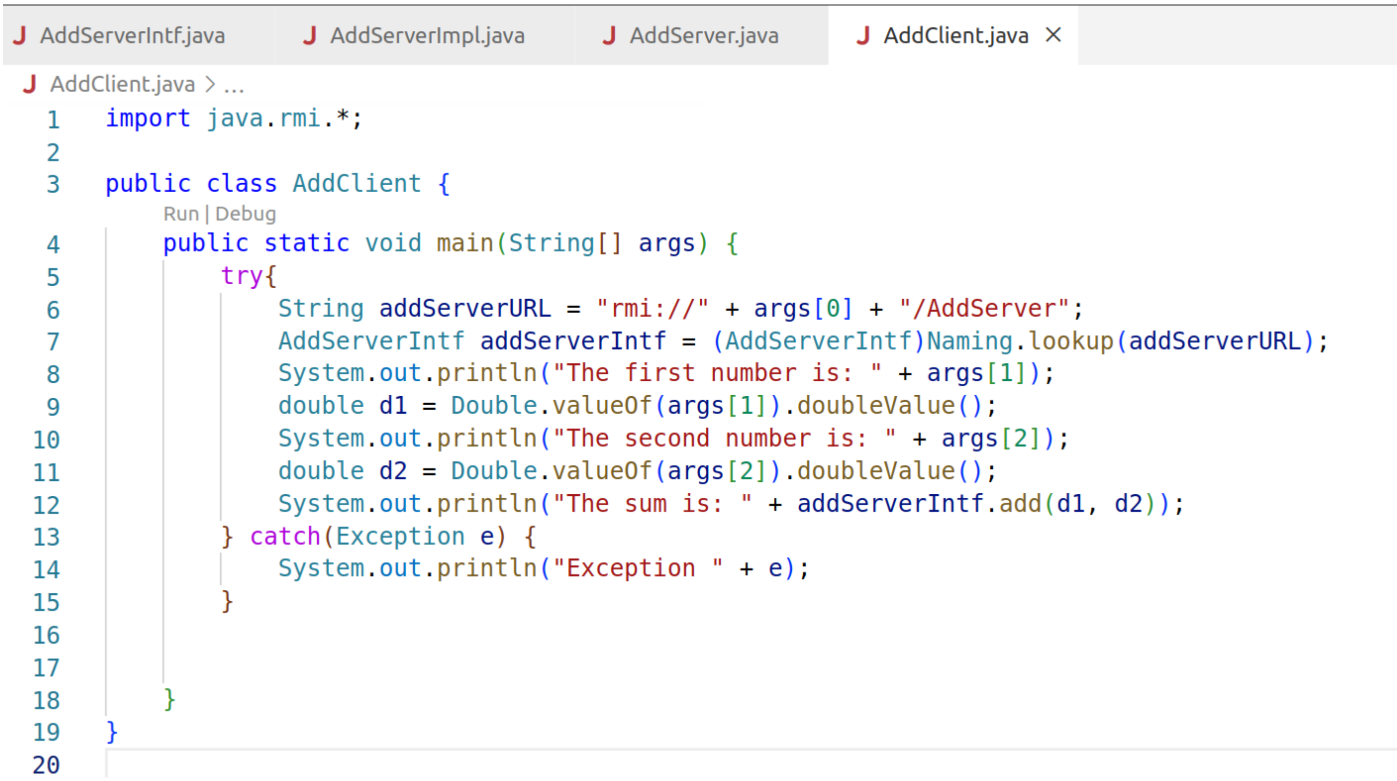
Code:

1. AddServer.java



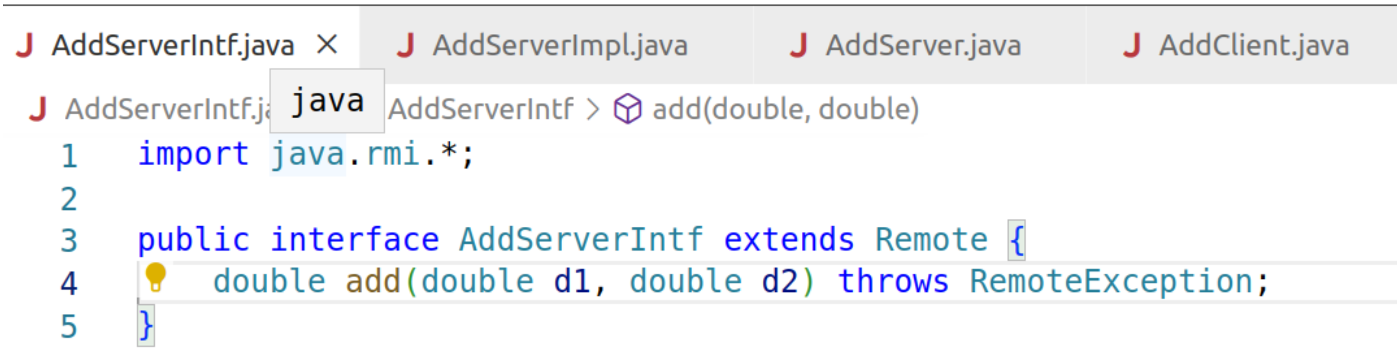
```java
import java.rmi.*;

public abstract class AddServer {
    public static void main(String[] args) {
        try{
            AddServerImpl addServerImpl = new AddServerImpl();
            Naming.bind("AddServer", addServerImpl);
        } catch(Exception e) {
            System.out.println("Exception " + e);
        }
    }
}

```

2. AddClient.java



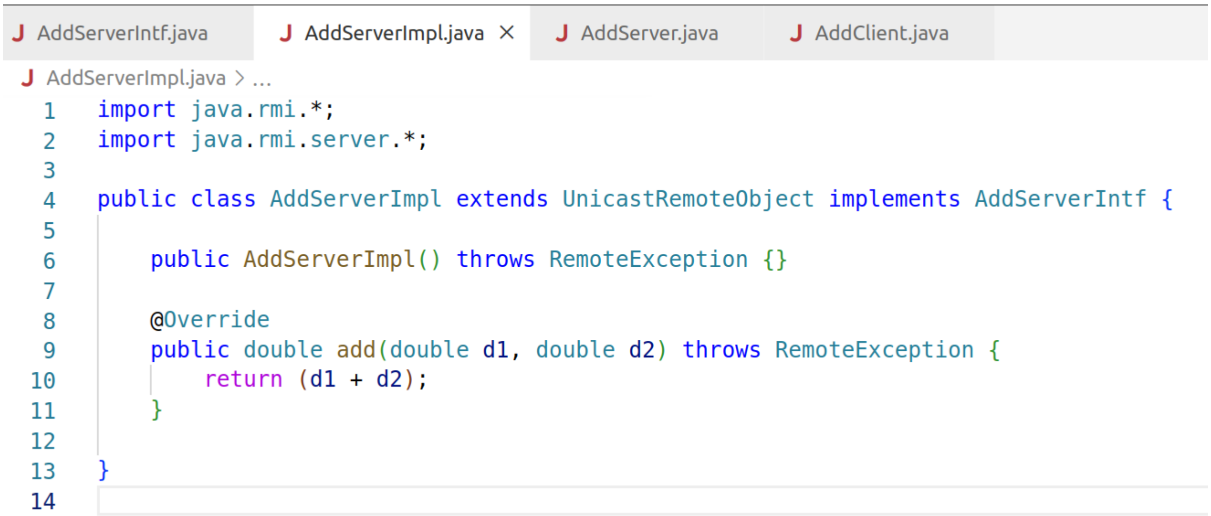
```java
import java.rmi.*;

public class AddClient {
    public static void main(String[] args) {
        try{
            String addServerURL = "rmi://" + args[0] + "/AddServer";
            AddServerIntf addServerIntf = (AddServerIntf)Naming.lookup(addServerURL);
            System.out.println("The first number is: " + args[1]);
            double d1 = Double.valueOf(args[1]).doubleValue();
            System.out.println("The second number is: " + args[2]);
            double d2 = Double.valueOf(args[2]).doubleValue();
            System.out.println("The sum is: " + addServerIntf.add(d1, d2));
        } catch(Exception e) {
            System.out.println("Exception " + e);
        }


    }
}

```

3. AddServerIntf.java



```java
import java.rmi.*;

public interface AddServerIntf extends Remote {
    double add(double d1, double d2) throws RemoteException;
}
```

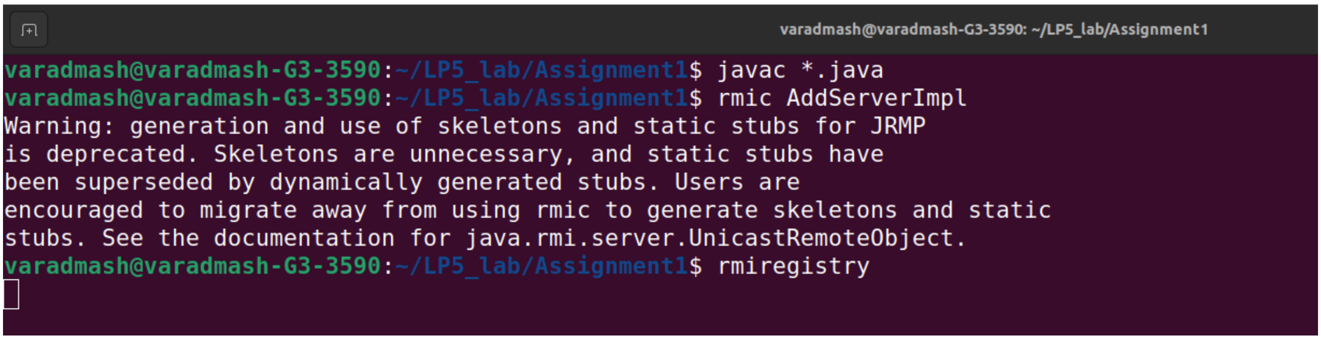
4. AddServerImpl.java



```java
import java.rmi.*;
import java.rmi.server.*;

public class AddServerImpl extends UnicastRemoteObject implements AddServerIntf {

    public AddServerImpl() throws RemoteException {}

    @Override
    public double add(double d1, double d2) throws RemoteException {
        return (d1 + d2);
    }

}
```

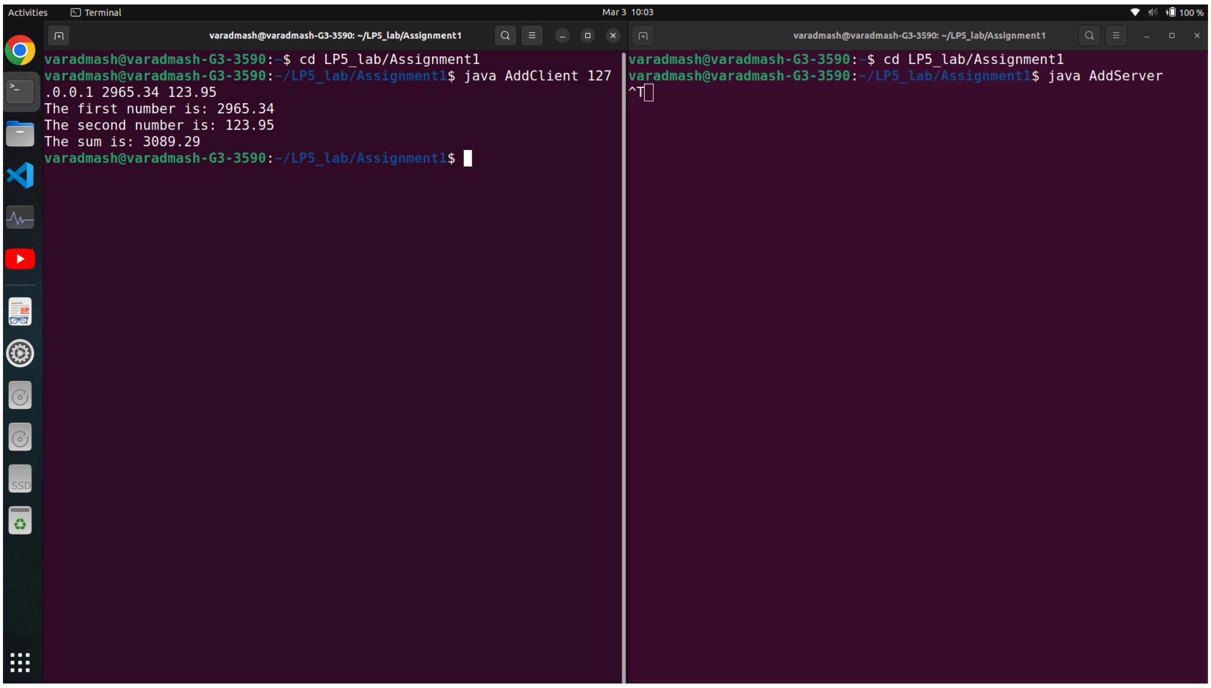
Output:

1. Compilation, registration and rmiregistry server start



```
varadmash@varadmash-G3-3590:~/LP5_lab/Assignment1$ javac *.java
varadmash@varadmash-G3-3590:~/LP5_lab/Assignment1$ rmic AddServerImpl
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.
varadmash@varadmash-G3-3590:~/LP5_lab/Assignment1$ rmiregistry
```

2. Server start and client invocation



Activities
Terminal
Mar 3 10:03
100 %
varadmash@varadmash-G3-3590: ~/LP5_lab/Assignment1
varadmash@varadmash-G3-3590: ~/LP5_lab/Assignment1

```
varadmash@varadmash-G3-3590:~$ cd LP5_lab/Assignment1
varadmash@varadmash-G3-3590:~/LP5_lab/Assignment1$ java AddClient 127
.0.0.1 2965.34 123.95
The first number is: 2965.34
The second number is: 123.95
The sum is: 3089.29
varadmash@varadmash-G3-3590:~/LP5_lab/Assignment1$ 
```

```
varadmash@varadmash-G3-3590:~$ cd LP5_lab/Assignment1
varadmash@varadmash-G3-3590:~/LP5_lab/Assignment1$ java AddServer
^T
```