EXPERIMENT NO. 7

CODE:

one.java

```
import java.rmi.*;
interface one extends Remote
{

   public int add(int a, int b) throws RemoteException;
}
```

two.java

```
import java.rmi.*;
import java.rmi.server.*;
public class two extends UnicastRemoteObject implements one
{
   public two() throws RemoteException { }
   public int add(int a, int b) throws RemoteException
   {
         return a+b;
   }
}
```

rmiserver.java

```
import java.net.MalformedURLException;
import java.rmi.*;
public class rmiserver
{
   public static void main(String args[]) throws Exception
   {
      try
      {
         two twox = new two();
          Naming.bind("add", twox);
          System.out.println("Object registered");
      }
      catch(MalformedURLException | AlreadyBoundException | RemoteException
e)
      {
System.out.println("Exception" + e);
      }
   }
}
```

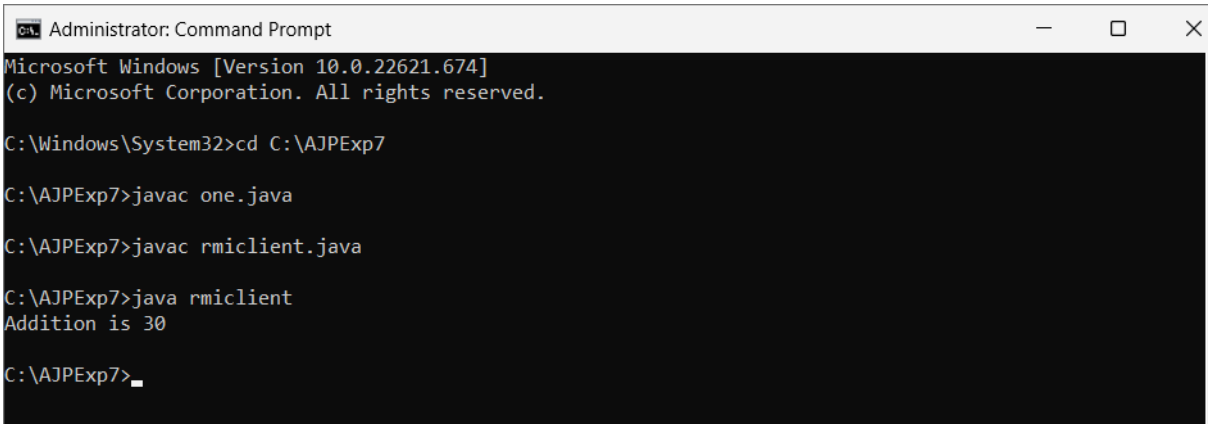
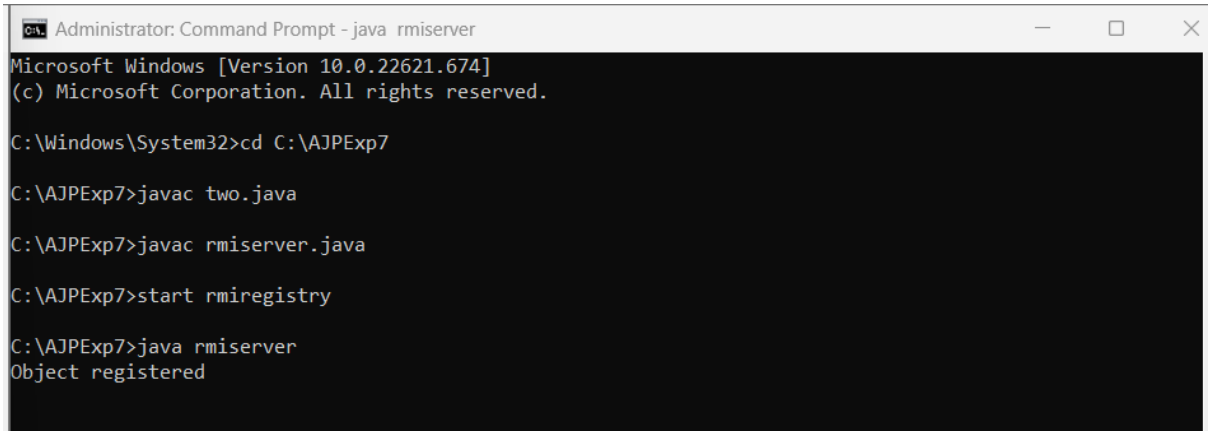
rmiclient.java

```
import java.io.*;
import java.rmi.*;
import java.net.*;
public class rmiclient
{
   public static void main(String args[]) throws Exception
   {
      try
      {
         String s1 = "rmi://localhost/add";
         one onex = (one)Naming.lookup(s1);
         int m = onex.add(10,20);
          System.out.println("Addition is ",m);

      }
      catch (Exception e)
      {
System.out.println("Exception" + e);
      }
   }
}
```

OUTPUT:

Client window



Server window