

1.) PrintI.java

```
import java.rmi.Remote;

import java.rmi.RemoteException;

public interface PrintI extends Remote
{
    public void printmsg() throws RemoteException;
    public void checkPass() throws RemoteException;
}
```

2.) PrintC.java

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

public class PrintC extends UnicastRemoteObject implements PrintI {
    Scanner sc=new Scanner(System.in);
    public PrintC() throws RemoteException {
        super();
    }
    public void checkPass() throws RemoteException {
        String pass;
        String ref="123";
        System.out.println("Enter the password");
        pass=sc.next();
        if(pass.equals(ref))
        {
            System.out.println("Welcome");
        }
        else
        {
            System.out.println("Please Enter valid password");
        }
    }
}
```

```

}

public void printmsg() throws RemoteException
{
    System.out.println("Hello Students");
}
}

```

3.) Server.java

```

import java.rmi.*;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

public class Server {

    public static void main(String[] args) throws Exception
    {
        Registry registry=LocateRegistry.createRegistry(7000);

        PrintC obj1=new PrintC();

        registry.bind("SHOWMSG", obj1);

        System.out.println("Server Started");

    }

}

```

4.) Client.java

```

import java.rmi.Naming;

import java.rmi.*;

public class Client {

    public static void main(String[] args) throws Exception {

        PrintI obj1=(PrintI) Naming.lookup("rmi://localhost:7000/SHOWMSG");

        obj1.checkPass();

        obj1.printmsg();

    }

}

```