# Assignment 1B

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**Problem statement** - To develop any distributed application through implementing client-server communication programs based on JAVA RMI.

## Code: SERVER

```
}
}
```

#### TRANSFER.JAVA

```
import java.rmi.*;
public interface Transfer extends Remote
{
    // Declaring the method prototype
    public String transfer(String filename) throws Exception;
}
```

#### TRANSFERFILE.JAVA

```
String[] temp = str.split("###",2);
File obj = new File(temp[0]);

if(obj.createNewFile()) {
    String str;
    FileWriter fileWrite = new FileWriter(temp[0]);

    fileWrite.write(temp[1]);

    fileWrite.close();
    }
    return "Done";
}
```

#### **CLENTREQUEST.JAVA**

```
Scanner fileRead = new Scanner(obj);
               fileRead.close();
(Transfer) Naming.lookup("rmi://localhost:1900"+ "/getTransferFunc");
           answer = access.transfer(str);
           System.out.println(answer);
           System.out.println(ae);
```

### OUTPUT

