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I implemented phase2.

The operation sequence of three machines is random. The operation of machines continues until at least one machine is remained working.

I implemented Deposit, Withdraw, CheckBalance, QuitThisMachine, StopAllMachine.

This program is executed when three machines come in as clients.

1. Prepare three computers.

2. You download the source code on each computer. Do not change the path at this time.

3. Check your ip address and replace the underlined part with your ip address.

    in BankRemote class

```java
try{
    BankRemote stub = new BankRemote();

    Naming.rebind("rmi://172.17.147.41:3000/sonoo", stub);
```

    in Client class

```java
public Client() throws RemoteException, Exception {

    stub = (Bank)Naming.lookup("rmi://172.17.147.41:3000/sonoo");
    stub.addClient(this);

}
```

4. Open terminal. Go to the directory where the .java file is located.

5. Compile all .java file on all three machine. (command: javac *.java)

6. create stub and skeleton object by rmic tool on 1 machine.

    (command: rmic BankRemote)

```
imyeonghuiui-MacBook-Pro:src imyeonghui$ rmic BankRemote
Warning: generation and use of skeletons and static stubs f
```

7. start rmi registry in one command prompt.

   (command: rmiregistry 3000)

   our port is 3000

   ```
   [imyeonghuiui-MacBook-Pro:src imyeonghui$ rmiregistry 3000
   ```

8. open another command prompt of the machine, and go to the directory where the .java file is located, and start the server

   (command: java BankRemote)

   ```
   Last login: Thu May 16 23:39:25 on ttys000
   [imyeonghuiui-MacBook-Pro:~ imyeonghui$ cd /Users/imyeonghui/eclipse-workspace/Ch
   at/src
   [imyeonghuiui-MacBook-Pro:src imyeonghui$ java BankRemote
   ```

9. start the client application on each machine command prompt.

   (command: java Client)

   machine1

   ```
   [imyeonghuiui-MacBook-Pro:~ imyeonghui$ cd /Users/imyeonghui/eclipse-workspace/Chat/src
   imyeonghuiui-MacBook-Pro:src imyeonghui$ java Client
   ```

   machine2

   ```
   [mungiwon-ui-MacBookPro:~ moonkiwon$ cd /Users/moonkiwon/Desktop/src
   [mungiwon-ui-MacBookPro:src moonkiwon$ javac *.java
   Note: BankRemote.java uses unchecked or unsafe operations.
   Note: Recompile with -Xlint:unchecked for details.
   [mungiwon-ui-MacBookPro:src moonkiwon$ java Client
   ```

   machine3

   ```
   [bagjihuiui-MacBookPro:~ jihee$ cd /Users/jihee/Desktop/src
   [bagjihuiui-MacBookPro:src jihee$ javac *.java
   Note: BankRemote.java uses unchecked or unsafe operations.
   Note: Recompile with -Xlint:unchecked for details.
   [bagjihuiui-MacBookPro:src jihee$ java Client
   ```

10. Now three computers can communicate.