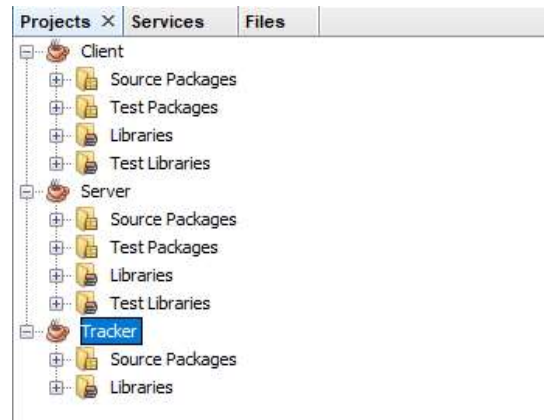


Computer Networks project phase 2 read me file

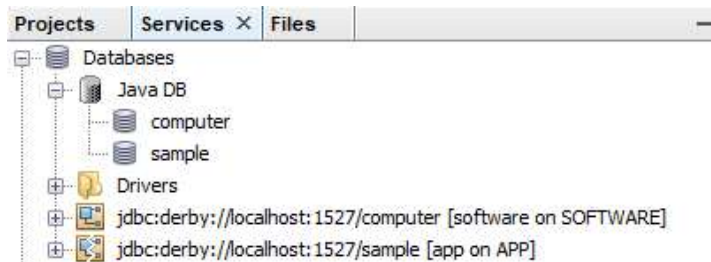
Group members: Abdullah, Muhammad Uzair, Muhammad Umar Bin Ejaz (BESE 24 C)

Pre-Requisites: NetBeans with JDK 1.8 ,derby database

1. Import all packages in NetBeans IDE



2. Create database from services tab



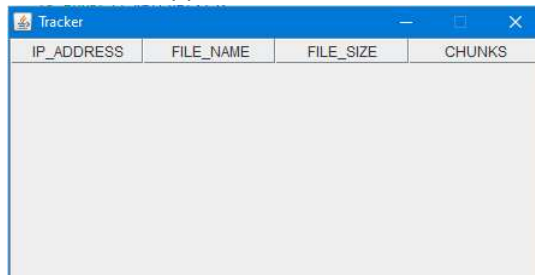
3. Connect to database and run **db.sql** file

```
create table tracker(  
  SERIAL_NUMBER INT primary key  
  GENERATED ALWAYS AS IDENTITY (START WITH 1, INCREMENT BY 1),  
  IP_ADDRESS varchar(15),  
  FILE_NAME varchar(50),  
  FILE_SIZE int,  
  CHUNKS int  
);
```

4. Set shared folder in Front.java file and set connection string in Tracker.java

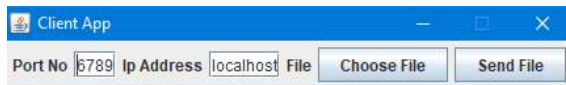
```
private String sharedFilePath = "C:\\\\Shared";  
connection = DriverManager.getConnection("jdbc:derby://localhost:1527/computer", "software", "hotmail");
```

5. Run Tracker app



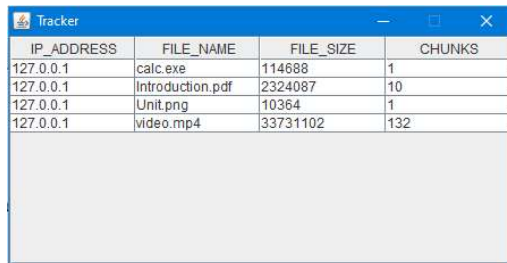
IP_ADDRESS	FILE_NAME	FILE_SIZE	CHUNKS
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6. Run Client Package



Port No Ip Address File

7. Tracker will be updated



IP_ADDRESS	FILE_NAME	FILE_SIZE	CHUNKS
127.0.0.1	calc.exe	114688	1
127.0.0.1	Introduction.pdf	2324087	10
127.0.0.1	Unit.png	10364	1
127.0.0.1	video.mp4	33731102	132