**Design the required class/es so that the following output is generated.**

| **Driver Code** | **Output** |
| --- | --- |
| **print("Welcome to Chitchat! Create an account, have fun!")**  **Wahid = Chitchat("Wahid,00123,23,Male")**  **print("1======================================")**  **Maliha = Chitchat("Maliha,00124,25,Female", "Malaysia")**  **print("2======================================")**  **Sadik = Chitchat("Sadik,00125,26,Male", "Bangladesh")**  **print("3======================================")**  **print(Wahid.AddFriend(Sadik, "Brother"))**  **print("4======================================")**  **Wahid.sendMessage(Sadik, "Hi, bro. How are you?")**  **print("5======================================")**  **Sadik.approveFriendReq()**  **print("6======================================")**  **Wahid.sendMessage(Sadik, "Hi, bro. How are you?")**  **print("7======================================")**  **Wahid.changeStatus()**  **print("8======================================")**  **Sadik.sendMessage(Wahid, "Hello, I'm fine.")**  **print("9======================================")**  **Sadik.showNetwork()**  **print("10=====================================")**  **Lamia = Chitchat("Lamia,00126,26,Female")**  **print("11=====================================")**  **print(Sadik.AddFriend(Lamia))**  **print("12=====================================")** | **Welcome to Chitchat! Create an account, have fun!**  **Your request is being processed...**  **Account creation successful. But you have no friends. Add some friends and chill.**  **1=========================================**  **Your request is being processed...**  **Sorry! Account creation is not allowed outside Bangladesh.**  **2=========================================**  **Your request is being processed...**  **Account creation successful. But you have no friends. Add some friends and chill.**  **3=========================================**  **Friend request sent. Pending for approval.**  **4=========================================**  **Ooopps! You cannot chat with this person (id -> 00125).**  **5=========================================**  **Congratulations! Sadik and Wahid can chat now.**  **6=========================================**  **Sent message: Hi, bro. How are you?**  **Receiver Details => Name: Wahid, ID: 00123, Age: 23, Gender: Male**  **7=========================================**  **Account activated/deactivated.**  **8=========================================**  **Ooopps! You cannot chat with this person (id -> 00123).**  **9=========================================**  **Sadik's network: {'Brother': ['Wahid\_00123']}**  **10========================================**  **Your request is being processed...**  **Account creation successful. But you have no friends. Add some friends and chill.**  **11========================================**  **Request Rejected! Relationship required.**  **12========================================** |

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