

## Client Class

```
import java.io.*;
import java.net.*;

public class Client {
    public static void main(String[] args) {
        System.out.println("Sending a request...");
        try {
            Socket socket = new Socket("127.0.0.1", 1564);
            System.out.println("Connected successfully...");
            BufferedReader terimaServer = new BufferedReader(
                new InputStreamReader(socket.getInputStream()));
            PrintStream kirimServer = new PrintStream(socket.getOutputStream());
            BufferedReader input = new BufferedReader(new InputStreamReader(System.in));
            System.out.println("*ketik exit untuk keluar");

            while (true) {
                System.out.print("Me      : ");
                String pesan = input.readLine();
                kirimServer.println(pesan);
                String pesanDariServer = terimaServer.readLine();
                System.out.println("Simsimi : " + pesanDariServer);
                if (pesan.equals("exit")) {
                    break;
                }
            }
            socket.close();
        } catch (IOException ex) {
            System.out.println("Error: " + ex.getMessage());
        }
    }
}
```

## Server Class

```
import org.alicebot.ab.Bot;
import org.alicebot.ab.Chat;
import java.io.*;
import java.net.*;

public class Server {
    public static void main(String[] args) {
        try {
            ServerSocket server = new ServerSocket(1564);
            System.out.println("Waiting for request...");
            Socket socket = server.accept();
            System.out.println("Request accepted...");
            PrintStream ps = new PrintStream(socket.getOutputStream());
            BufferedReader terimaClient = new BufferedReader(new InputStreamReader(socket.getInputStream()));

            Bot bot = new Bot();
            Chat chatSession = new Chat(bot);
            while (true) {
                String data = terimaClient.readLine();
                String response = chatSession.multisentenceRespond(data);
                if (data.equals("exit")) {
                    ps.print("Terima kasih, semoga harimu");
                    break;
                }
                ps.println(response);
            }
            socket.close();
            server.close();
        } catch (IOException ex) {
            System.out.println("Error: " + ex.getMessage());
        }
    }
}
```

## Testing Program

```
Sending a request...
Connected successfully...
*ketik exit untuk keluar
Me      : hi
Simsimi : Hi nice to see you!
Me      : nationality ?
Simsimi : I was made in the USA.
Me      : birthplace
Simsimi : My birthplace is Portland, Maine.
Me      : height
Simsimi : My height is 4.5 inches.
Me      : do you have mother
Simsimi : I don't know about that but I do have a magnificent mind.
```