

JAVA EXAMPLES - CONNECTING SOCKET

http://www.tutorialspoint.com/javaexamples/net_socket.htm

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Problem Description:

How to make a server to allow the connection to the socket 6123?

Solution:

Following example shows how to make a server to allow the connection to the socket 6123 by using server.accept method of ServerSocket class and sock.getInetAddress method of Socket class.

```
import java.io.IOException;
import java.net.InetAddress;
import java.net.ServerSocket;
import java.net.Socket;

public class SocketDemo {
    public static void main(String[] args) {
        try {
            ServerSocket server = new ServerSocket(6123);
            while (true) {
                System.out.println("Listening");
                Socket sock = server.accept();
                InetAddress addr = sock.getInetAddress();
                System.out.println("Connection made to "
                    + addr.getHostName()
                    + " (" + addr.getHostAddress() + ")");
                pause(5000);
                sock.close();
            }
        } catch (IOException e) {
            System.out.println("Exception detected: " + e);
        }
    }

    private static void pause(int ms) {
        try {
            Thread.sleep(ms);
        } catch (InterruptedException e) {
        }
    }
}
```

Result:

The above code sample will produce the following result.

```
Listening
Terminate batch job (Y/N)? n
Connection made to 112.63.21.45
```

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