```java
import java.net.*;

public class ScannerPorte {

        public synchronized DatagramSocket UDPSocket() {
                DatagramSocket s = null;

                for (int i = 1024; i < 9999; i++) {
                        try {

                                s = new DatagramSocket(i);
                                return s;

                        } catch (BindException e) {}
                        catch (Exception e) {
                                e.printStackTrace();
                        }
                }

                return s;
        }

        public synchronized ServerSocket TCPSocket() {
                ServerSocket s = null;

                for (int i = 1; i < 1024; i++) {
                        try {

                                s = new ServerSocket(i);
                                return s;

                        } catch (BindException e) {}
                        catch (Exception e) {
                                e.printStackTrace();
                        }
                }

                return s;
        }

}
```