JAVA EXAMPLES - CHECK PORT

Problem Description:

How to check whether a port is being used or not?

Solution:

Following example shows how to check whether any port is being used as a server or not by creating a socket object.

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

public class Main {
    public static void main(String[] args) {
        Socket Skt;
        String host = "localhost";
        if (args.length gt; 0) {
            host = args[0];
        }
        for (int i = 0; i < 1024; i++) {
            try {
                System.out.println("Looking for "+ i);
                Skt = new Socket(host, i);
                System.out.println("There is a server on port "
                + i + " of " + host);
            }
            catch (UnknownHostException e) {
                System.out.println("Exception occured"+ e);
                break;
            }
            catch (IOException e) {
            }
        }
    }
}
```

Result:

The above code sample will produce the following result.

```
Looking for 0
Looking for 1
Looking for 2
Looking for 3
Looking for 4. . .
```