6. Develop an application for the following: User should be redirected to the URL entered in location text box.

Index.html

```html
<!DOCTYPE html>
<html>
<head>
   <title>URL Redirector</title>
</head>
<body>
   <h2>Enter a URL to Redirect</h2>
   <form action="Redirect" method="post">
      <label for="url">Enter URL:</label>
      <input type="text" id="url" name="url" required>
      <button type="submit">Go</button>
   </form>
</body>
</html>
```

Redirect.java

```java
package in.ga.backend;

import java.io.IOException;
```

```java
import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;


@WebServlet(name = "Redirect", urlPatterns = {"/Redirect"})
public class Redirect extends HttpServlet {
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {


        String url = request.getParameter("url");
        if (!url.startsWith("http://") && !url.startsWith("https://")) {
            url = "http://" + url;
        }
        response.sendRedirect(url);
    }
}
```