import com.[sun.net](sun.net#sun.net).httpserver.Filter;import com.[sun.net](sun.net#sun.net).httpserver.HttpExchange;import com.[sun.net](sun.net#sun.net).httpserver.HttpHandler;import com.[sun.net](sun.net#sun.net).httpserver.HttpServer;import java.io.IOException;import [java.net](java.net#java.net).InetSocketAddress;public class SimpleHttpServer { public static void main(String[] args) throws Exception { HttpServer server = HttpServer.create(new InetSocketAddress(8000), 0); server.createContext("/students", new StudentHandler()).getFilters().add(new CORSFilter()); server.setExecutor(null); // creates a default executor server.start(); System.out.println("Server is listening on port 8000"); } static class CORSFilter extends Filter { @Override public void doFilter(HttpExchange exchange, Chain chain) throws IOException { exchange.getResponseHeaders().add("Access-Control-Allow-Origin", "\*"); exchange.getResponseHeaders().add("Access-Control-Allow-Methods", "GET, POST, PUT, DELETE, OPTIONS"); exchange.getResponseHeaders().add("Access-Control-Allow-Headers", "Content-Type,Authorization"); if ("OPTIONS".equals(exchange.getRequestMethod())) { exchange.sendResponseHeaders(204, -1); return; } chain.doFilter(exchange); } @Override public String description() { return "Add CORS headers"; } } // Include StudentHandler and other necessary classes as defined previously}