package org.example;  
  
import org.telegram.telegrambots.meta.TelegramBotsApi;  
import org.telegram.telegrambots.bots.TelegramLongPollingBot;  
import org.telegram.telegrambots.meta.api.methods.send.SendMessage;  
import org.telegram.telegrambots.meta.api.objects.Update;  
import org.telegram.telegrambots.meta.exceptions.TelegramApiException;  
import org.telegram.telegrambots.updatesreceivers.DefaultBotSession;  
  
public class TransformerBot extends TelegramLongPollingBot {  
 private final String BOT\_TOKEN = "7502243227:AAEzgAayKXQEHSEIk8Tr-HkeBgVCzxg9HA";  
 private final String BOT\_USERNAME = "transformers01\_bot";  
  
 public static void main(String[] args) {  
 try {  
 TelegramBotsApi botsApi = new TelegramBotsApi(DefaultBotSession.class);  
 botsApi.registerBot(new TransformerBot());  
 } catch (TelegramApiException e) {  
 e.printStackTrace();  
 }  
 }  
  
 @Override  
 public void onUpdateReceived(Update update) {  
 if (update.hasMessage() && update.getMessage().hasText()) {  
 String userMessage = update.getMessage().getText();  
 String response = generateResponse(userMessage);  
  
 SendMessage message = new SendMessage();  
 message.setChatId(update.getMessage().getChatId().toString());  
 message.setText(response);  
  
 try {  
 execute(message);  
 } catch (TelegramApiException e) {  
 e.printStackTrace();  
 }  
 }  
 }  
  
 private String generateResponse(String input) {  
 // Simple response logic, can be replaced with AI integration  
 if (input.equalsIgnoreCase("/start")) {  
 return "Hello! I am your AI-powered chatbot.";  
 } else if (input.equalsIgnoreCase("/help")) {  
 return "I can chat with you. Just type anything!";  
 } else {  
 return "I received: " + input;  
 }  
 }  
  
 @Override  
 public String getBotUsername() {  
 return BOT\_USERNAME;  
 }  
  
 @Override  
 public String getBotToken() {  
 return BOT\_TOKEN;  
 }  
}

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<dependencies>  
 <!-- Telegram Bot API -->  
 <dependency>  
 <groupId>org.telegram</groupId>  
 <artifactId>telegrambots</artifactId>  
 <version>6.5.0</version>  
 </dependency>  
  
 <!-- Telegram Bot API (for handling updates) -->  
 <dependency>  
 <groupId>org.telegram</groupId>  
 <artifactId>telegrambotsextensions</artifactId>  
 <version>6.5.0</version>  
 </dependency>  
</dependencies>