

Project 1 - Chatbot

Inspiration



link: <https://chatbotmagazine.com/26-of-the-best-facebook-bots-to-chat-with-f159bca02dca>

Phase 1 - Echo Bot - Deadline 16th Oct [5 Points]

short description : an annoying bot that repeats everything you say until you say 'I am leaving'



Phase 2 - Zero IQ Bot (Bilingual German & English) - Deadline 26 October

Given a set of template question-answers. If someone asks a question/ or sends a message , bot will respond with corresponding answer, if he types something else, it simply says "Sorry, I don't have an answer to this, try asking another question" or "Entschuldigung, versuchen Sie eine andere Frage" A user at any point can switch between english and german when user types 'speak english'/ 'speak german'

Language	Question/user message	Answer
English	Hello	Hello, I am Zero IQ Bot, what's your name?
English	xxx	What a nice name xxx, What would you like to ask about?
English	Where do I need to register in germany?	You need to go to Bürgeramt
English	Thank You!	You're most welcome xxx !
English	Bye	Goodbye, talk to you later
German	Hallo	Hallo. Mein name ist Null IQ Bot, Wie heißen Sie?
German	xxx	Hallo xxx, Was möchten Sie?
German	wo kann man sich registrieren?	Sie müssen zum Bürgeramt gehen
German	Danke schön	Bitte schön xxx
German	Tschüss	Auf Wiedersehen

Grading Scheme [15 points] Deadline 26 October

- Whenever the user sends the bot a message, the bot will send corresponding answer [5 Points]
- The bot switches successfully the language when the user asks the bot to switch language [5 points]
- The program should not be case sensitive, in other words if the user sends a message "hello", "hEllo", "Hello", or any other variant of capital and small letters, the bot should be able to respond. [1.5 points]
- Template question-answer should be read from an external file [3.5 points]

Bonus: [3 points] Deadline: 30 October

- The bot chooses randomly between possible responses randomly instead of just one response [2 points] (you can use the below dictionary)
- Depending on current time, Bot greets the user by 'Good morning' / 'Good evening' / 'Good afternoon' [1 point]

Language	Question/user message	Answer 1	Other possible answers
English	Hello	Hello, I am Zero IQ Bot, what's your name?	Hi, My name is Zero IQ Bot, how about you?
English	xxx	What a nice name xxx, What would you like to ask about?	What a lovely name xxx!, What can i do for you today?
English	Where do I need to register in germany?	You need to go to Bürgeramt	You need to go the Bürgeramt in your district
English	Thank You!	You're most welcome xxx !	Don't mention it!
English	Bye	Goodbye, talk to you later	Goodbye, and have a nice day
German	Hallo	Hallo. Mein name ist Null IQ Bot, Wie heißen Sie?	Hallo. Ich heiße Null IQ Bot, und du?
German	xxx	Hallo xxx, Was möchten Sie?	Hallo xxx, Was kann ich für Sie tun?
German	wo kann man sich registrieren?	Sie müssen zum Bürgeramt gehen	Sie müssen zum nächsten Bürgeramt gehen
German	Danke schön	Bitte schön xxx	Bitte!
German	Tschüss	Auf Wiedersehen	Tschüss!

Phase 3 - Apportunity Bot

