

## Opening lines

can use a function to randomly generate one of the following opening prompts, so that it changes on each run; maintaining a dynamic interface

- "Hello!"
- "Greetings!"
- "Hey!"
- Extra fancy
  - "Good morning/afternoon/evening!" (using system time)
- "Hello! My name is ... What's your name?"  
chatbot response to user input: "that is such a beautiful name!"

## Chatbot questions

- "How are you today?"
- "What's your name?"
- "What do you want to talk about? (Enter something like 'books', 'hobbies', 'foods', 'movies', etc.)"  
chatbot transition: "Great! I wanted to talk about that too, so..(insert next question)"
- "What is your favourite book/movie/food?"  
chatbot response to user input: "I've heard of that movie! Unfortunately, I've never watched it myself!"
- "What genre of books/movies do you like?"  
chatbot response to user input: "I love those genres too!"
- "What are your hobbies?"  
chatbot response to user input: "Those all sound like so much fun!"

## Chatbot responses (chatbot answering questions posed by user)

- Prompt keywords: "movie", "?" (e.g. what is your favourite movie?)
  - "My favourite movie is \_\_\_\_!"
  - "I loved watching \_\_\_\_!"
- Prompt keywords: "book", "?" (e.g. what is your favourite book?)
  - "My favourite book is \_\_\_\_!"
  - "I loved reading \_\_\_\_!"
- Prompt keywords: "What's your favourite food", "?"
  - "I love a lot of foods! It's really hard for me to pick one. What's your favourite food?"
- Prompt keywords: "How are you", "How are you doing", "?"
  - "I'm doing great!"
  - "I'm doing great, how about you?"
- Prompt keywords: "hobbies", "hobby", "like/love doing & free time", "?" (e.g. what are you hobbies/ what do you like doing in your free time?)
  - "I love \_\_\_\_! What about you?"
- Prompt keywords: "What day is it today", "?"
  - "It's ..." (using system time)

- Prompt keywords: "Where do you live", "Where are you located", "?"
  - "I live in British Columbia, Canada. What about you?"
- Prompt keywords: "Have you ever been to ...", "?"
  - "No, I haven't. But I do hope that I can go there one day."
- Prompt keywords: "How old are you?"
  - "My birthday was on ... (date we finished the chatbot). How old are you?"
- Prompt keywords: "What is the weather like where you are?"
  - "the weather is nice, not too cold, not too warm, can't complain"

#### Other responses (don't know what keywords to look for yet for these)

- Sample input: "I'm doing great!"
  - Response: "That's nice"
- Sample input: "I don't feel so good", "Not so good" or "I'm sad/mad/angry/depressed" (negative moods)
  - Response: "I'm so sorry to hear that, is there anything you want to talk about that can make you feel better?"
    - if the user says no: "Okay, I understand. Always remember you can come to me if you need to talk about anything in the future"
    - if the user says yes: "Okay, what did you want to talk about?"
- Sample input: "Have you ever watched (movie name)?"
  - Response:
    - If (movie\_name != chatbot\_favourite\_movie\_name):
 

```
Print("No I haven't watched it before. Do you like it?")
If (user_input == "yes"):
    Print("I'm glad that you like it!")
Elif (user_input == "no" || "so so"):
    Print("-What's your favorite movie?")
```
    - If (movie\_name == chatbot\_favourite\_movie\_name):
 

```
Print("Yes I've watched it before! I really like it, do you like it?")
If (user_input == "yes"):
    Print("I'm glad that you like it!")
Elif (user_input == "no" || "so so"):
    Print("What's your favorite movie?")
```
- Sample input: "Have you ever eaten/tried (food name)?"
  - Response:
- Sample input: "Have you ever read (book name)?"
  - Response:
- Sample input: "" (*empty string*)
  - Response: "What do you want to talk about? (Enter something like 'books', 'hobbies', 'foods', 'movies', etc.)"

- Sample input: "hdfakldfjqwjgq;n" (*gibberish or scenarios where chatbot doesn't understand user inputs*)
  - Response: "I'm sorry that I don't understand your message. What do you want to talk about? (Enter something like 'books', 'hobbies', 'foods', 'movies', etc.)"

**Restrictions**

- All questions to chatbot must end with "?"
- Does chatbot need to prompt conversation or only give replies?