**PYTHON**

**••• SIMPLE CHATBOT USING NATURAL PROCESSING LANGUAGE •••**

SCRIPT

# Dictionary of responses

responses = { "hi": "Hello! How can I help you?",

"hello": "Hi there! How can i help you?",

"name": "I am a simple Pythin chatbot!",

"how are you": "I'm just code,Fine!..but thanks for asking!",

"had you taken lunch : Thanks for asking!.. but i'am a chatbot.. I can't eat!..."

"thank you: Its my pleasure!.."

"bye": "Goodbye! Have a wonderful day!",

"help": "Sure! Ask me anything."}

# user input and find a response

def get\_response(user\_input):

user\_input = user\_input.lower()

for i in responses:

if i in user\_input:

return responses[i]

Else:

Print ("I'm sorry, I don't understand that.")

# Chat loop

print("Chatbot: Hi! Type 'bye' to exit.")

while True:

user = input("User: ")

if "bye" in user.lower():

print("ChatBot:", reply["bye"])

break

response = get\_response(user)

print("ChatBot:", reply)

**OUTPUT**

**Chatbot: Hi! Type 'bye' to exit.**

**User: Hi**

**ChatBot: Hello! How can I help you?**

**User: What's your name?**

**ChatBot: I'm a simple Python chatbot!**

**User:How can i do the math problems?**

**Chatbot: I'm sorry, i don't understand that.**

**User: Thank you**

**Chatbot: Its my pleasure!**

**User: Bye**

**ChatBot: Goodbye! Have a wonderful day!**