LP2 (AI) Lab Exp No.4

import time

class Chatbot:

    def \_\_init\_\_(self):

        self.user\_name = None

        self.user\_age = None

        self.user\_job = None

        self.user\_hobbies = None

    def greet(self):

        print("🤖 Hello, I'm your friendly Chatbot - AI-Saathi ! 🤖")

        time.sleep(1)

    def get\_user\_info(self):

        self.user\_name = input("🤖 What's your name? ")

        print(f"🤖 Nice to meet you, {self.user\_name}!")

        time.sleep(1)

        self.user\_age = int(input("🤖 How old are you? "))

        self.categorize\_age()

        time.sleep(1)

        self.user\_job = input("🤖 What do you do for a living? ")

        self.describe\_job()

        time.sleep(1)

        self.user\_hobbies = input("🤖 What are your hobbies? ")

        time.sleep(1)

        print("🤖 Thanks for sharing! Let's move on.")

        time.sleep(1)

    def categorize\_age(self):

        if 18 <= self.user\_age <= 25:

            print("🤖 Ah, you're in the prime of your youth!")

        elif 26 <= self.user\_age <= 40:

            print("🤖 You're in the midst of your professional life!")

        elif self.user\_age > 40:

            print("🤖 You've gathered a wealth of experience!")

        else:

            print("🤖 You're young and full of potential!")

    def describe\_job(self):

        print(f"🤖 {self.user\_job} sounds like an interesting profession!")

    def remind\_lunch\_or\_dinner(self):

        response = input("🤖 Have you had your lunch/dinner? (yes/no) ").lower()

        if response == "yes":

            print("🤖 Great! Make sure to stay hydrated and take breaks.")

        else:

            print("🤖 Take a break and have a nutritious meal. Your health is important!")

def main():

    chatbot = Chatbot()

    chatbot.greet()

    chatbot.get\_user\_info()

    chatbot.remind\_lunch\_or\_dinner()

if \_\_name\_\_ == "\_\_main\_\_":

    main()

OUTPUT:-

