

Assignment no:05

Code:

```
import random

import time

# Interview questions
interview_questions = [
    "Tell me about yourself.",
    "What are your strengths?",
    "What are your weaknesses?",
    "Why should we hire you?",
    "Why do you want to work here?",
    "What is your greatest achievement?"
]

feedback_messages = [
    "Interesting response!",
    "Thanks for sharing that.",
    "Good point.",
    "Nice answer!",
    "Great insight!"
]

# Typing simulation
def bot_typing(text):
    for char in text:
        print(char, end="", flush=True)
        time.sleep(0.02)
    print()

# Main function
```

```

def start_interview():
    name = input(" Hello! What's your name?\n> ")
    bot_typing(f"\n Welcome, {name}! Let's begin your mock interview.")
    print("Type 'exit' anytime to stop.\n")
    asked_questions = set()
    responses = []
    while len(asked_questions) < len(interview_questions):
        question = random.choice(interview_questions)
        if question in asked_questions:
            continue
        asked_questions.add(question)

        bot_typing(f"\n Interviewer: {question}")
        user_input = input(" You: ")

        if user_input.lower() in ['exit', 'quit']:
            bot_typing("\n Interview ended. Good luck with your real interviews!")
            break
        responses.append((question, user_input))
        rating = input(" On a scale of 1-5, how confident are you in your answer? ")
        responses[-1] = (question, user_input, rating)
        bot_typing(" " + random.choice(feedback_messages))
        print(f" 🟢 {len(asked_questions)}/{len(interview_questions)} questions completed.")
    if responses:
        filename = f"{name}_interview_answers.txt"
        with open(filename, 'w') as file:
            file.write(f"Interview Practice for {name}\n\n")
            for i, (q, a, r) in enumerate(responses):
                file.write(f"Q{i+1}: {q}\nYour Answer: {a}\nConfidence: {r}/5\n\n")
        bot_typing(f"\n 📁 Your answers were saved in '{filename}'")

```

```
bot_typing("\n You've completed your mock interview. Keep practicing!")  
if __name__ == "__main__":  
    start_interview()
```

Output:

Hello! What's your name?

> My name is Jyoti.

Welcome, My name is Jyoti.! Let's begin your mock interview.

Type 'exit' anytime to stop.

Interviewer: Tell me about yourself.

You: I am currently pursuing my Computer Engineering at DYPCOEI.I am third year student.

On a scale of 1-5, how confident are you in your answer? 5

Good point.

✅ 1/6 questions completed.

Interviewer: Why do you want to work here?

You: I admire your company's focus on innovation and your culture of continuous learning.

On a scale of 1-5, how confident are you in your answer? 4

Thanks for sharing that.

✅ 2/6 questions completed.

Interviewer: What is your greatest achievement?

You: In my current semester, I led a data visualization project on weather monitoring.

On a scale of 1-5, how confident are you in your answer? 4

Thanks for sharing that.

✅ 3/6 questions completed.

Interviewer: What are your strengths?

You: One of my biggest strengths is my ability to learn quickly and adapt to new technologies.

On a scale of 1-5, how confident are you in your answer? 5

Nice answer!

✅ 4/6 questions completed.

Interviewer: Why should we hire you?

You: I'm eager to contribute to your team with both technical skills and a positive, team-oriented attitude.

On a scale of 1-5, how confident are you in your answer? 4

Nice answer!

✅ 5/6 questions completed.

Interviewer: What are your weaknesses?

You: I used to be a perfectionist, which sometimes led to spending more time than necessary on small details.

On a scale of 1-5, how confident are you in your answer? 3

Thanks for sharing that.

✅ 6/6 questions completed.

📁 Your answers were saved in 'My name is Jyoti._interview_answers.txt'.

You've completed your mock interview. Keep practicing!

Notepad File:

Interview Practice for My name is Jyoti.

Q1: Tell me about yourself.

Your Answer: I am currently pursuing my Computer Engineering at DYPCOEI. I am third year student.

Confidence: 5/5

Q2: Why do you want to work here?

Your Answer: I admire your company's focus on innovation and your culture of continuous learning.

Confidence: 4/5

Q3: What is your greatest achievement?

Your Answer: In my current semester, I led a data visualization project on weather monitoring.

Confidence: 4/5

Q4: What are your strengths?

Your Answer: One of my biggest strengths is my ability to learn quickly and adapt to new technologies.

Confidence: 5/5

Q5: Why should we hire you?

Your Answer: I'm eager to contribute to your team with both technical skills and a positive, team-oriented attitude.

Confidence: 4/5

Q6: What are your weaknesses?

Your Answer: I used to be a perfectionist, which sometimes led to spending more time than necessary on small details.

Confidence: 3/5