Develop an elementary chatbot for any suitable customer interaction application.

Program:

```java
import java.util.Scanner;

public class BookstoreChatBot {

    public static void main(String[] args) {

        greetUser();

        chatLoop();

        farewell();

    }

    // Greeting the user

    public static void greetUser() {

        System.out.println("Welcome to the Online Bookstore Support!
How can I assist you today?");

    }

    // Main chat loop

    public static void chatLoop() {

        Scanner scanner = new Scanner(System.in);

        String userInput;

        do {

            System.out.print("You: ");

            userInput = scanner.nextLine();

            respondToUser(userInput);

        } while (!userInput.equalsIgnoreCase("bye"));

        scanner.close();

    }

    // Responding to user input

    public static void respondToUser(String userInput) {

        if (userInput.equalsIgnoreCase("recommend a book")) {

            System.out.println("Bot: Sure! What genre are you
interested in? We have fiction, mystery, and self-help.");

        } else if (userInput.equalsIgnoreCase("fiction")) {

            recommendFiction();

        } else if (userInput.equalsIgnoreCase("mystery")) {
```

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            recommendMystery();

        } else if (userInput.equalsIgnoreCase("self-help")) {

            recommendSelfHelp();

        } else if (userInput.contains("order status")) {

            System.out.println("Bot: To check your order status,
please provide your order ID.");

        } else if (userInput.equalsIgnoreCase("general
information")) {

            System.out.println("Bot: Our online bookstore offers a
wide selection of books across various genres. How can I assist you
further?");

        } else if (userInput.equalsIgnoreCase("bye")) {

            System.out.println("Bot: Goodbye! Have a great day!");

        } else {

            System.out.println("Bot: I'm sorry, I didn't understand
that. Can you please rephrase your question?");

        }

    }

    // Farewell message

    public static void farewell() {

        System.out.println("Bot: Thank you for visiting Online
Bookstore Support. Goodbye!");

    }

    // Recommend fiction books

    public static void recommendFiction() {

        System.out.println("Bot: Here are some popular fiction
books:");

        System.out.println("- To Kill a Mockingbird by Harper Lee");

        System.out.println("- 1984 by George Orwell");

        System.out.println("- The Great Gatsby by F. Scott
Fitzgerald");

    }

    // Recommend mystery books

    public static void recommendMystery() {

        System.out.println("Bot: Here are some popular mystery
books:");
```

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        System.out.println("- The Girl with the Dragon Tattoo by
Stieg Larsson");

        System.out.println("- Gone Girl by Gillian Flynn");

        System.out.println("- The Da Vinci Code by Dan Brown");

    }

    // Recommend self-help books

    public static void recommendSelfHelp() {

        System.out.println("Bot: Here are some popular self-help
books:");

        System.out.println("- The 7 Habits of Highly Effective
People by Stephen R. Covey");

        System.out.println("- How to Win Friends and Influence
People by Dale Carnegie");

        System.out.println("- Atomic Habits by James Clear");

    }

}
```

Output:

Welcome to the Online Bookstore Support! How can I assist you today?

You: recommend a book

Bot: Sure! What genre are you interested in? We have fiction, mystery, and self-help.

You: fiction

Bot: Here are some popular fiction books:

- To Kill a Mockingbird by Harper Lee

- 1984 by George Orwell

- The Great Gatsby by F. Scott Fitzgerald

You: mystery

Bot: Here are some popular mystery books:

- The Girl with the Dragon Tattoo by Stieg Larsson

- Gone Girl by Gillian Flynn

- The Da Vinci Code by Dan Brown

You: self-help

Bot: Here are some popular self-help books:- The 7 Habits of Highly Effective People by Stephen R. Covey

You: self-help

Bot: Here are some popular self-help books:- The 7 Habits of Highly Effective People by Stephen R. Covey

- How to Win Friends and Influence People by Dale Carnegie

- Atomic Habits by James Clear

You: What's my order status?

Bot: To check your order status, please provide your order ID.

You: general information

Bot: Our online bookstore offers a wide selection of books across various genres. How can I assist you further?

You: bye

Bot: Sure! What genre are you interested in? We have fiction, mystery, and self-help.

You: fiction

Bot: Here are some popular fiction books:

- To Kill a Mockingbird by Harper Lee

- 1984 by George Orwell

- The Great Gatsby by F. Scott Fitzgerald

You: mystery

Bot: Here are some popular mystery books:

- The Girl with the Dragon Tattoo by Stieg Larsson

- Gone Girl by Gillian Flynn

- The Da Vinci Code by Dan Brown

You: self-help

Bot: Here are some popular self-help books:- The 7 Habits of Highly Effective People by Stephen R. Covey

- How to Win Friends and Influence People by Dale Carnegie

- Atomic Habits by James Clear

You: What's my order status?

Bot: To check your order status, please provide your order ID.

You: general information

Bot: Our online bookstore offers a wide selection of books across various genres. How can I assist you further?

You: bye

Bot: Goodbye! Have a great day!

Bot: Thank you for visiting Online Bookstore Support. Goodbye!