

```

/*
    Name : Ayush Pandey
    Roll No : 3317

    ASSIGNMENT-5

    Problem Statement :

        Develop an elementary chatbot for any suitable customer interaction
        application.

*/

#include <iostream>
#include <string>
#include <algorithm>

using namespace std;

string toLowerCase(string str) {
    transform(str.begin(), str.end(), str.begin(), ::tolower);
    return str;
}

void chat() {
    string input;
    cout << "Customer Support Chatbot (Type 'bye' to exit)\n";

    while (true) {
        cout << "You: ";
        getline(cin, input);
        input = toLowerCase(input);

        if (input == "bye" || input == "exit" || input == "quit") {
            cout << "Chatbot: Goodbye! Have a great day!\n";
            break;
        }
    }
}

```

```

    } else if (input == "hi" || input == "hello" || input == "hey") {
        cout << "Chatbot: Hello! How can I help you today?\n";
    } else if (input == "what is your name?") {
        cout << "Chatbot: I am a simple chatbot created for customer
support.\n";
    } else if (input == "how can i contact customer service?") {
        cout << "Chatbot: You can reach customer service at support@example.com
or call +91-1234567890.\n";
    } else if (input == "what are your working hours?") {
        cout << "Chatbot: Our support team is available from 9 AM to 6 PM,
Monday to Friday.\n";
    } else {
        cout << "Chatbot: I'm sorry, I don't understand that. Can you rephrase
your question?\n";
    }
}

}

int main() {
    chat();
    return 0;
}

```

```

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Ayush\Desktop\3317-Ayush\LP-II\AI\5-chatbot> g++ code.cpp
PS C:\Users\Ayush\Desktop\3317-Ayush\LP-II\AI\5-chatbot> ./a.exe
Customer Support Chatbot (Type 'bye' to exit)
You: hey
Chatbot: Hello! How can I help you today?
You: What is your name?
Chatbot: I am a simple chatbot created for customer support.
You: how can I contact customer service?
Chatbot: You can reach customer service at support@example.com or call +1-800-123-4567.
You: what are your working hours?
Chatbot: Our support team is available from 9 AM to 6 PM, Monday to Friday.
You: What products do you sell?
Chatbot: I'm sorry, I don't understand that. Can you rephrase your question?
You: Bye
Chatbot: Goodbye! Have a great day!
PS C:\Users\Ayush\Desktop\3317-Ayush\LP-II\AI\5-chatbot>

```