PROGRAM FOR CUSTOMERCARE CHAT BOT

```python
!pip install requests flask

import os

mistral_api_key = 'UbpGjekJbN5BVuIxIjGNSxKvYBURdSDC'

os.environ['MISTRAL_API_KEY'] = mistral_api_key

import requests


def get_mistral_response(query):
    url = "https://api.mistral.ai/v1/generate"


    headers = {
        'Authorization': f'Bearer {os.environ["MISTRAL_API_KEY"]}',
        'Content-Type': 'application/json'
    }


    payload = {
        'model': 'mistral-7b',
        'prompt': query,
        'max_tokens': 150
    }


    response = requests.post(url, json=payload, headers=headers)


    if response.status_code == 200:
        return response.json().get('text', 'Sorry, I didn\'t understand that.')
    else:
        return f"Error: {response.status_code} - {response.text}"
print(get_mistral_response("Hello, how can I help you?"))
def chatbot():
    print("Welcome to the Customer Care Bot. Type 'exit' to quit.")
```

```python
    while True:
        user_input = input("You: ")
        if user_input.lower() == 'exit':
            print("Goodbye!")
            break

        response = get_mistral_response(user_input)
        print(f"Bot: {response}")

chatbot()
from flask import Flask, request, jsonify


app = Flask(__name__)


@app.route('/chat', methods=['POST'])
def chat():
    user_input = request.json.get('query', '')
    if not user_input:
        return jsonify({'error': 'No query provided'}), 400


    bot_response = get_mistral_response(user_input)
    return jsonify({'response': bot_response})


if __name__ == '__main__':
    app.run(debug=True)
!pip install flask-ngrok
from flask_ngrok import run_with_ngrok


app = Flask(__name__)
run_with_ngrok(app)  # Starts ngrok when app is run
```

```python
@app.route('/chat', methods=['POST'])
def chat():
    user_input = request.json.get('query', '')
    if not user_input:
        return jsonify({'error': 'No query provided'}), 400


    bot_response = get_mistral_response(user_input)
    return jsonify({'response': bot_response})


if __name__ == '__main__':
    app.run()
```