**AI Assignment 5**

**Code:**

import streamlit as st

bot\_name = "College Buddy"

knowledge\_base = {

"what is your name?" : [

f"My name is {bot\_name}! \n Happy to help you out with your College enquiries!"

],

"hello": [

f"Hello my name is {bot\_name}! \n Happy to help you out with your College enquiries!"

],

"what are the best colleges from pune?": [

"COEP",

"PICT",

"VIT",

"CUMMINS",

"PCCOE"

],

"which are the best engineering branches?" : [

"Computer Engineering",

"IT Engineering",

"ENTC Engineering"

],

"what are the top branch cut-offs for coep?" : [

"Computer Engineering : 99.8 percentile",

"Does not have IT branch",

"ENTC Engineering: 99.2 percentile",

],

"what are the top branch cut-offs for pict?" : [

"Computer Engineering : 99.4 percentile",

"IT Engineering : 98.6 percentile",

"ENTC Engineering: 97.2 percentile",

],

"what are the top branch cut-offs for vit?" : [

"Computer Engineering : 99.8 percentile",

"IT Engineering: 97.1 percentile",

"ENTC Engineering: 96.2 percentile",

],

"what are the top branch cut-offs for cummins?" : [

"Computer Engineering : 99.8 percentile",

"Does not have IT branch",

"ENTC Engineering: 99.2",

],

"what are the top branch cut-offs for pccoe?" : [

"Computer Engineering : 99.8 percentile",

"Does not have IT branch",

"ENTC Engineering: 99.2",

],

"When do college admissions start?": [

"Admissions generally start around August",

],

}

st.header("College Enquiry Rule Based Chatbot")

def respond(input: str):

if (input in knowledge\_base):

print(input)

values = knowledge\_base[input]

for value in values:

st.write(value)

else:

print(input)

key = input

st.write("Question is not present in the knowledge base!\nCould you please enter the appropriate answer for the question below-")

answer = st.text\_input("Answer")

add = st.button("Add answer")

if (add):

knowledge\_base[key] = [answer]

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

input = st.text\_input("Enter a query here-")

input = input.lower()

col1, col2 = st.columns([1,0.1])

with col1:

ask = st.button("Ask")

with col2:

quit = st.button("Quit")

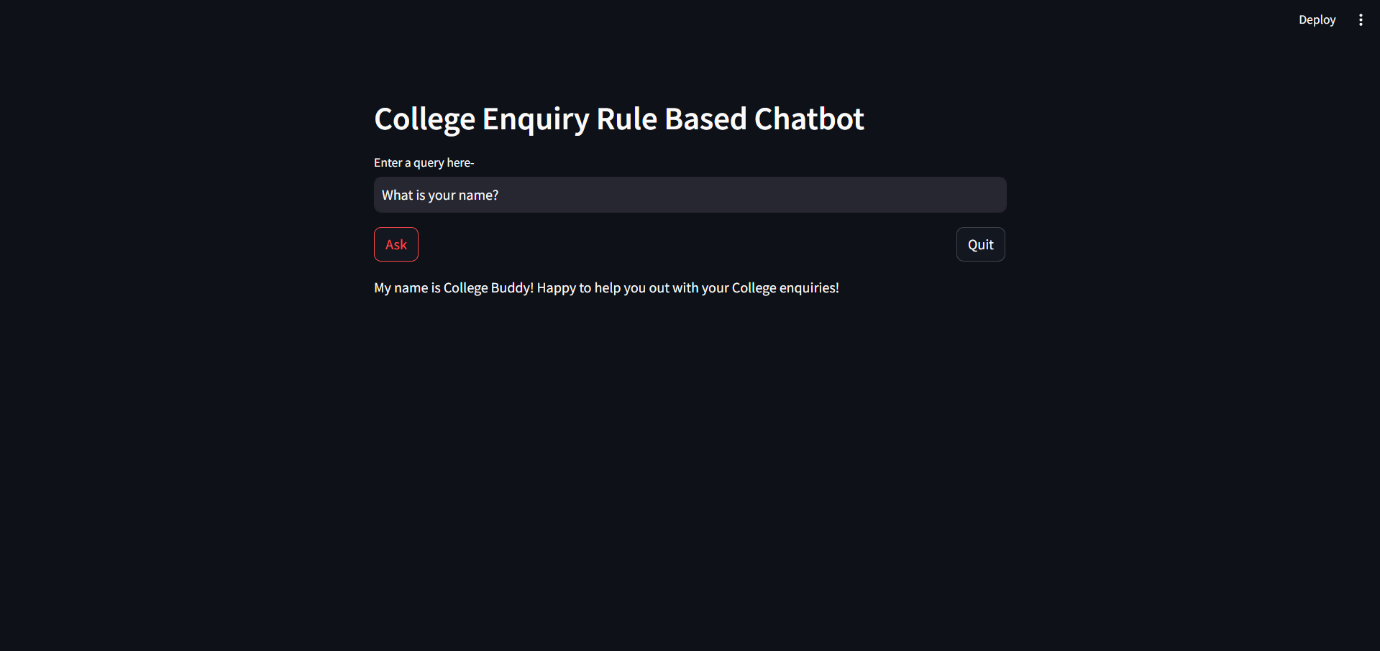
if (ask):

respond(input)

if (quit):

st.write("Thank you for using the Chatbot")

**Output:**

****