Basic AI bot

BY AU Noobs team

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Introduction
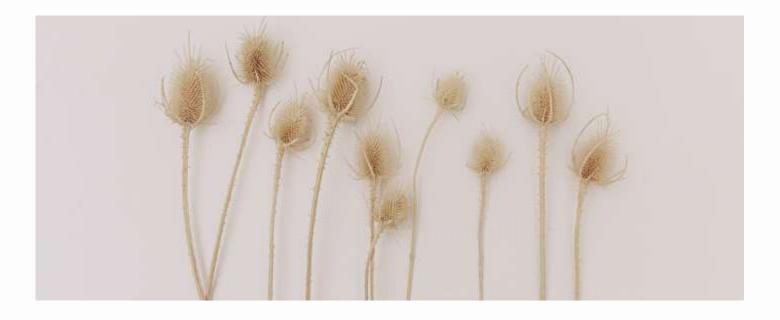
Functionality

Code Analysis

Library

```python
from transformers import pipeline
```

Model Loading

```python
# Load a question-answering model
qa_pipeline = pipeline("question-answering")
```

Taking in input

```python
# Provide context for the bot to answer questions
context = input("Enter a paragraph for the chatbot to use: ")
```

Exiting code

```python
while True:
    question = input("\nAsk a question (or type 'exit' to quit): ")
    if question.lower() == "exit":
        print("Goodbye!")
        break
```

Answering the question

```python
# Get an answer to the question
answer = qa_pipeline(question=question, context=context)
print(f"Answer: {answer['answer']}")
```

Output Example

Paragraph given was:

"Wasif is a student in Air University who is participating in Gemma 2 Hackathon with two of his friends. This is his first time participating in such an event. Moreover, he is a student of Software Engineering".

Question 1

Where is Wasif studying?

Ans: AIR university

Question 2

Has he ever participated in a hackathon before?

Ans: This is his first.

Question 3

What is Wasif studying?

Ans: Software engineering.

Brief running of Code

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