

Documentation:

A lot of the basic logic for structuring my project started with looking up a youtube video on how to best host discord bots in 2024. After running into some roadblocks I discovered the canvas tutorial and realized it was modeled after the same tutorial and helped me through those roadblocks and understand the structure enough to build upon it.

I first started by building on the ability for the bot to wait for the user to answer a question then give some output depending on what they say. The data I used to base the bot was a csv file I found on kaggle and I realized that I could include all the functionality I wanted to without using another source. All the answers are submitted in the form of a tuple where I submit the correct answer I should be looking for and what that actually corresponds to when I need to output information to the user.

My bot has three commands and is structured more like a traditional discord bot that only speaks when spoken to and does not create private messages like the tutorial does. It invokes ! as the character to listen for input. I included a message such that if something outside of the recognized commands is given that it would give output to advise the users to access !help which describes everything the bot can do.

!compare is a fun idea that I modeled after <https://www.higherlowergame.com/> which compares google search totals yet I made it with money made globally. I made it possible to answer with just A or B as some marvel movies have **very** long titles such as: Shang Chi and the Legend of the Seven Rings or Doctor Strange in the Multiverse of Madness.

!order quizzes fans on the events of each movie chronologically rather than based on release date as the movies act as prequels and continuations on other films that really quizzes users if they know the order of the movies very well. It is honestly a bit difficult for me as there are a few newer movies that I haven't watched.

!higherlower is a spin on the compare command where it takes the budget of a movie and adds some variation to it and forces the user to guess where the true movie budget lies. It is a bit easier for some of the smaller grossing movies but when I play it I find that I often think about a certain movie budget being so large compared to what I thought.

Some pictures of bot working:

bot-testing



Varun Pavuloori Today at 7:08 PM

!help



MarvelQuiz APP Today at 7:08 PM

Welcome to MarvelQuiz! A game to compare budget, revenue, and the order of Marvel Movies!

There are three commands to choose from currently:

!compare - Guess which movie made more money (Worldwide box office)

!order - Order movies by events chronologically (NOT in order of release date)

!higherlower - Guess if the given budget is higher or lower to the true value

DISCLAIMER: Currently we are partway through Phase Five so only movies are included (Next movie is July 2024)



Varun Pavuloori Today at 7:08 PM

!compare



MarvelQuiz APP Today at 7:08 PM

Which made more money globally? (A) Thor: Love and Thunder or (B) Thor?



Varun Pavuloori Today at 7:08 PM

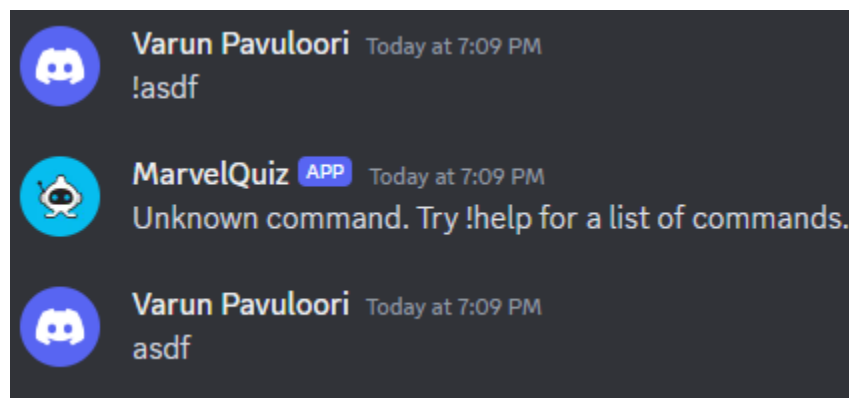
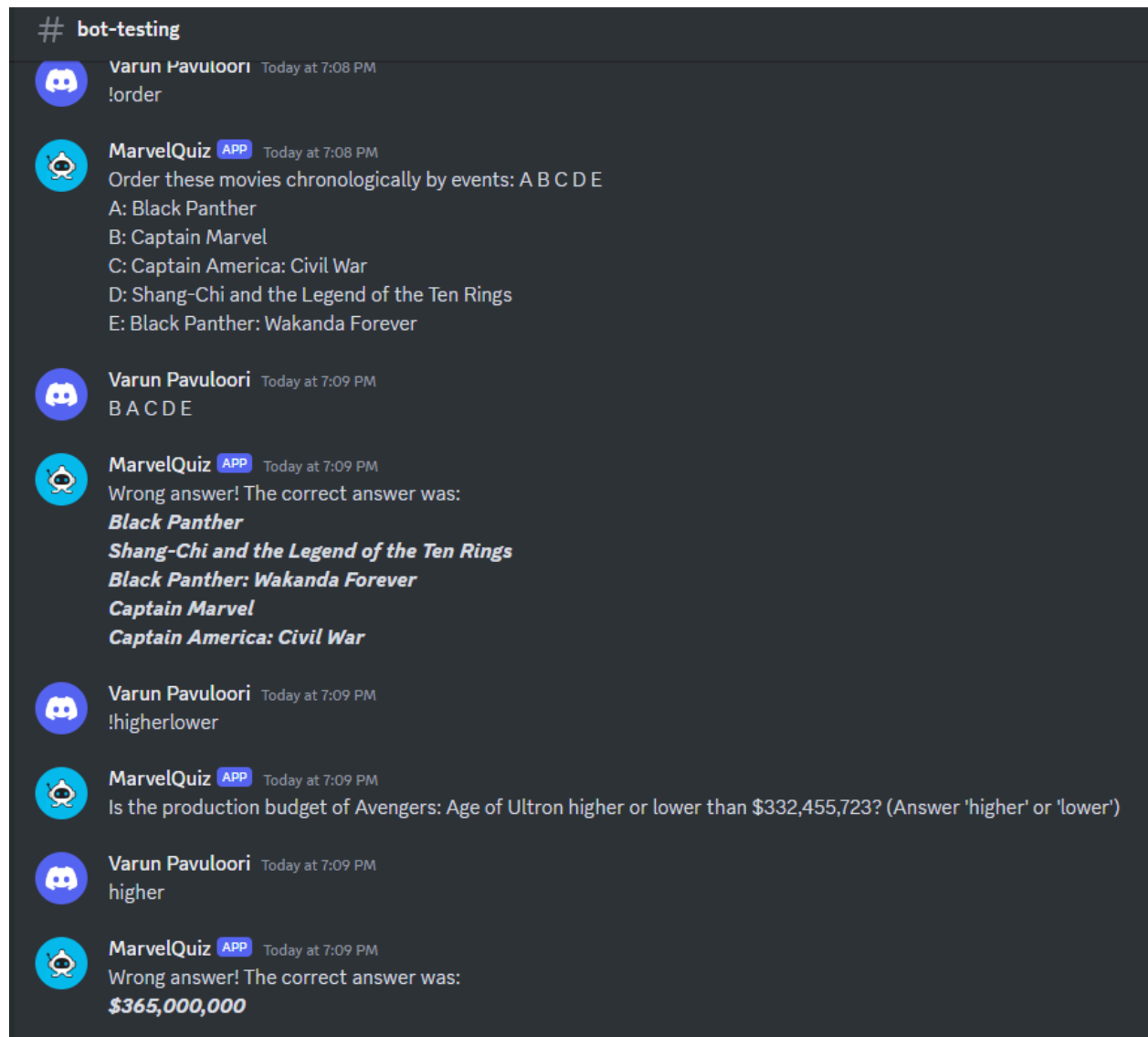
A



MarvelQuiz APP Today at 7:08 PM

Correct answer! It was indeed:

Thor: Love and Thunder



(last screenshot shows an unrecognized command as well as how the bot does not respond if there is no ! preceding text)