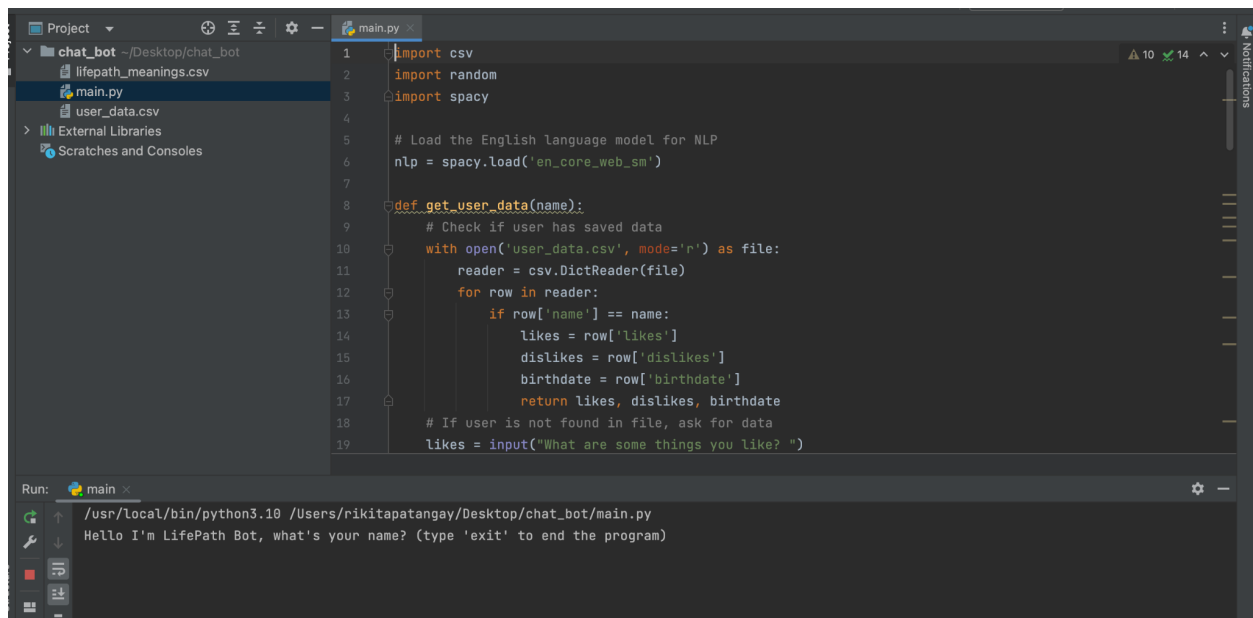


## Report for ChatBot

I programmed a chatbot that will be able to have a functional conversation with a user. the user will be able to input their name to the chatbot. Other information that it will take in is the user's birthday and their likes and dislikes. What Life Path Bot ultimately does is take the user's birthday and calculate their life path number based on their birthday. It then takes data from the lifepath\_meaning.csv file to show the user the meaning of their life path number.

LifePath Bot will be able to remember a user's name, life path number, and its meaning, likes, and dislikes of the user.



```
1 import csv
2 import random
3 import spacy
4
5 # Load the English language model for NLP
6 nlp = spacy.load('en_core_web_sm')
7
8 def get_user_data(name):
9     # Check if user has saved data
10    with open('user_data.csv', mode='r') as file:
11        reader = csv.DictReader(file)
12        for row in reader:
13            if row['name'] == name:
14                likes = row['likes']
15                dislikes = row['dislikes']
16                birthdate = row['birthdate']
17                return likes, dislikes, birthdate
18    # If user is not found in file, ask for data
19    likes = input("What are some things you like? ")

```

Run: main x

/usr/local/bin/python3.10 /Users/rikitaatangay/Desktop/chat\_bot/main.py  
Hello I'm LifePath Bot, what's your name? (type 'exit' to end the program)

LifePath uses natural language processing (NLP, specifically Spacy) to interact with the user. The program starts by asking for the user's name and then checks if the user has any saved data in a CSV file. If the user is not found in the file, the program asks for the user's likes, dislikes, and birthdates and saves the data to the file. The program then greets the user, gives them a compliment for the enjoyment of the user, calculates and shows their lifepath number and its meaning based on their birthdate, reminds them of their likes and dislikes, and tells them a joke to lighten their mood. The program runs in a continuous loop until the user types 'exit' to end the program.

Spacy is used to load the English language model. Spacy is used in LifePath Bot to tokenize and tag the user's input when they provide their name, likes, dislikes, and birthdate. This allows

the program to understand and process the user's input in a more sophisticated way, enabling it to provide more accurate and personalized responses.

Here is an example of the interaction with the program:

```
Hello I'm LifePath Bot, what's your name? (type 'exit' to end the program) Rikita
What are some things you like? guitar and music
What are some things you dislike? country music
What's your birthdate? (MM/DD/YYYY) 12/29/2000
Nice to meet you, Rikita!
You are pretty cool!
Your lifepath number is: 7
Your lifepath meaning is: Analysis and introspection
I also remember that you like guitar and music and dislike country music.
Here's a joke to brighten your day! Why did the coffee file a police report? It got mugged!
Hello I'm LifePath Bot, what's your name? (type 'exit' to end the program)
```