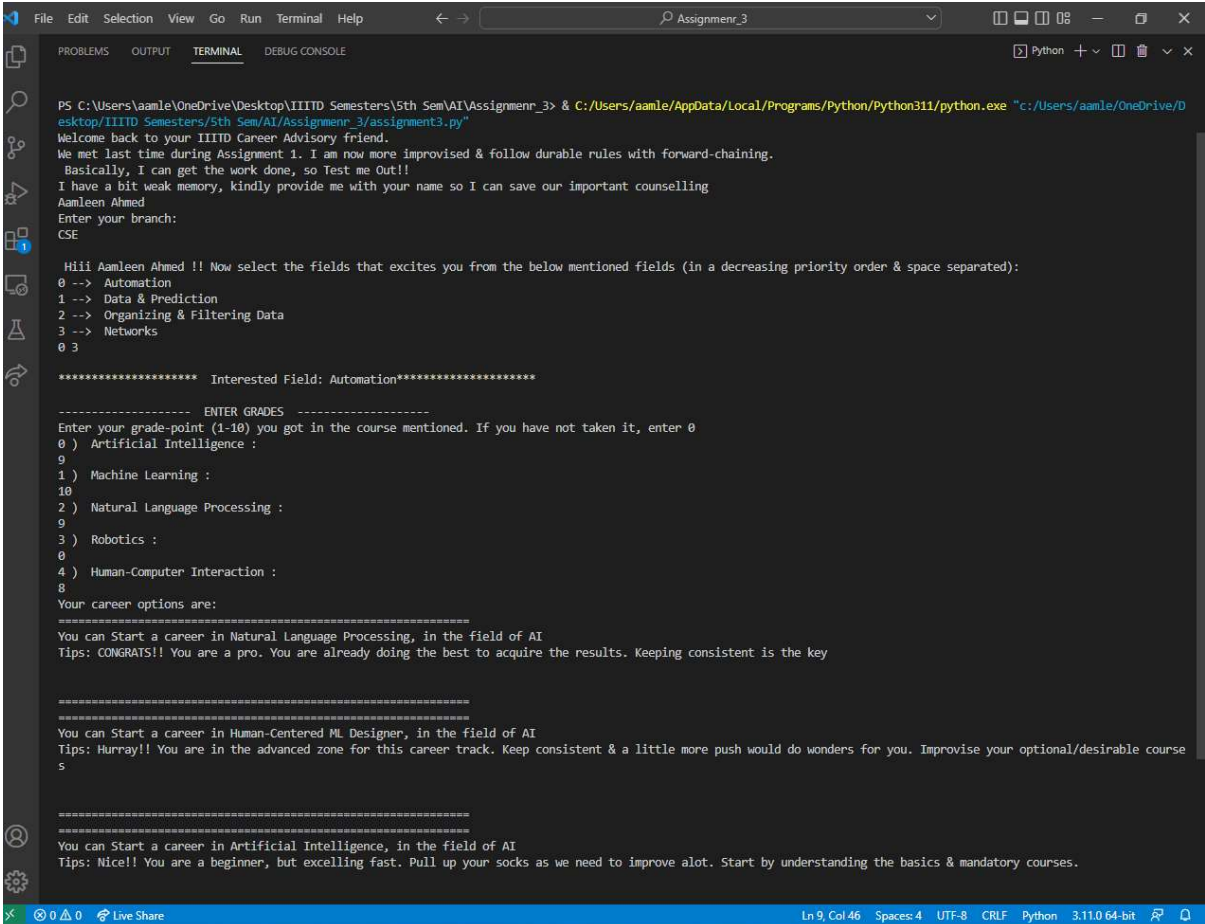*Aamleen Ahmed*
2020002

Assignment 3

To run this, you first need to install durable_rules
for that run pip install durable_rules.

Now you can run this programs. The program is very simple yet complex from inside, which is its beauty. It evaluates various factors inside, and suggests you the best careers that you can pursue. For ingenuity & as a cherry on top, it also gives you tips as per your performance.

It uses durable rules which is centered around the rules of forward-chaining. Forward chaining in simple terms is a procedure in which facts are examined & evaluated one-after another till an end-goal is reached. Thus here multiple facts are combined in a ruleset & evaluated. The one which matches further evaluates till the end-point is reached in tips ruleset.

Well, this might be a complex explanation, so will explain with diagrams in demo. As of now to run the program just follow the instructions on screen.

File   Edit   Selection   View   Go   Run   Terminal   Help   ← →   Assignmenr_3

PROBLEMS   OUTPUT   TERMINAL   DEBUG CONSOLE   Python + ∨

```
Your career options are:
================================================================
You can Start a career in Natural Language Processing, in the field of AI
Tips: CONGRATS!! You are a pro. You are already doing the best to acquire the results. Keeping consistent is the key


================================================================
================================================================
You can Start a career in Human-Centered ML Designer, in the field of AI
Tips: Hurray!! You are in the advanced zone for this career track. Keep consistent & a little more push would do wonders for you. Improvise your optional/desirable course
s


================================================================
================================================================
You can Start a career in Artificial Intelligence, in the field of AI
Tips: Nice!! You are a beginner, but excelling fast. Pull up your socks as we need to improve alot. Start by understanding the basics & mandatory courses.


================================================================
Moving to next interested field

****************************************************************************


*********************   Interested Field: Networks*********************

--------------------   ENTER GRADES   --------------------
Enter your grade-point (1-10) you got in the course mentioned. If you have not taken it, enter 0
0 )  Network Security :
9
1 )  Advanced Network Security :
0
2 )  Cloud Computing :
10
3 )  Network Loopholes :
9
Your career options are:
================================================================
You can Start a career in Ethical Hacking, in the field of NS
Tips: Yayy!! Your hard work has made you enter the intermediate zone. Boost your motivation to follow your path for this career choice. Look up for more optional courses
while excelling in the mandatory ones


================================================================
Moving to next interested field

****************************************************************************

Thanks for using Career Advisory System. Keep visiting & working!!
PS C:\Users\aamle\OneDrive\Desktop\IIITD Semesters\5th Sem\AI\Assignmenr_3>
```

Ln 9, Col 46   Spaces: 4   UTF-8   CRLF   Python   3.11.0 64-bit