NL interface instructions-

1. Write a paragraph compulsorily including a line regarding your major, one line including your core courses, one line including the electives you have taken. Mention the codes of the courses only. Besides this you can include a line about your interests in the following fields: data_science, cybersecurity, biotech, entrepreneurship, economist(MBA), software_engineer and pure_mathematician. You can also include a line about wanting to minor in economics and entrepreneurship or both.

```
para='''I am Tanya.
I am majoring in cse. I have done the cse101, ece111, mth100, des130 and com101 core courses.
I have done the ent416, ent411, ent412 ,ent413 ,ent415 and esc205 electives.'
I am planning to minor in economics.
My interests include data_science and cybersecurity. '''
```

2. A file called facts.pl will be created by the NL interface.
3. Run the prolog program using **swi-prolog.swipl course.pl** and the first input to be given is consult("facts.pl").
4. After that give the input get_recs().
5. After that run suggested(X), to get all recommendations.

```
tanya@ubuntuTG:~/tanya/cppCode/cp/year_4/AI/A5$ swi-prolog.swipl course.pl
Warning: /home/tanya/tanya/cppCode/cp/year_4/AI/A5/course.pl:163:
Warning:    Singleton variables: [X]
Warning: /home/tanya/tanya/cppCode/cp/year_4/AI/A5/course.pl:169:
Warning:    Singleton variables: [Y]
Welcome to SWI-Prolog (threaded, 64 bits, version 9.0.0)
SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software.
Please run ?- license. for legal details.

For online help and background, visit https://www.swi-prolog.org
For built-in help, use ?- help(Topic). or ?- apropos(Word).

?- consult("facts.pl").
true.

?- get_rec().
```

```
?- suggested(X).
X = esc207A ;
X = com301A ;
X = cse232 ;
X = cse222 ;
X = cse202 ;
X = cse121 ;
X = cse231 ;
X = cse201 ;
X = ece113 ;
X = mth201 ;
X = cse112 ;
X = cse102 ;
X = bio524 ;
X = bio361 ;
X = bio545 ;
X = bio211 ;
X = bio534 ;
X = bio213 ;
X = bio531 ;
X = bio542 ;
X = bio532 ;
X = cse640 ;
X = cse511 ;
X = cse333 ;
X = cse344 ;
X = cse585 ;
X = cse641 ;
X = cse501 ;
X = cse345 ;
```