

I have created a python file that asks questions to the user and gives options. The user gives the answer in the form of a string.

Preprocessing steps:

- 1. I take the inputs in the string format and make them in the lower case letters.
- 2. All the punctuation marks are removed from the given string.
- 3. All the words in the string are tokenized and split on the basis of space.
- 4. Lemmatization is done.

Career Options

- MS.
- MTech.
- MBA.
- IT jobs like Software Developer, Data Analyst, and System Designer, Cyber Security Analyst.
- Government jobs like working in the public sector or teaching jobs.
- A career in defence.
- Travelling related options like Journalist, Event Planner, Travel Advisor, Photographer, etc.
- Other career options like Graphic Designer, Interior Designer, Fashion Designer.

Input taken from the python code

```
What kind of work you like?
1. Physical
2. Logical
logical
Having high aptitude skills?
1. Yes
2. No
no
Do you like technology or non-tech things?
1. Technical
2. Non-tech
non-tech
Do you like to travel?
1. Traveller
2. Non-Traveller non-traveller
Are you a person of creative and innovative ideas?
1. Yes
2. No
yes
Your facts are successfully saved in facts.txt file.
Now you can use prolog for advicing career
```

Facts file created

```
facts - Notepad
File Edit Format View Help
physical_or_mental(mental).
aptitude(no).
tech_or_nontech(nontech).
traveller_nontraveller(nontraveller).
creative_and_innovative(yes).
```

Career Predicted

```
?- start.
Career Advisory System.
Welcome !! We will try to advice best career option for you.
We will give you different options.
You seems like a creative and innovative person.
But you do not like travelling and wants to do something by staying at a place only
We would suggest you following job options
  2. Interior Designer.
  2. Artist.
  3. Fashion Designer..
true.
```