

Idea about our chatbot: -

I have created the chatbot where a person is consulting to a psychiatrist.

We have made the backend part using notepad where all our conversation between the user and psychiatrist is stored using appropriate coding In the notepad and we have stored that file using .pl extension.

The first query we are giving to start our conversation: -

start_session :-

```
write('Hello, I am a psychiatrist by profession. '), nl,  
write('You seem to be in a problem. What is it? '), nl,  
psychiatrist.
```

Also we are setting the some conversation for greetings , attributes etc: -

% --- Greetings

```
pattern([hello,my,name,is,1],['Nice',to,meet,you,1,'!','How',are,you,doing,'?']).
```

```
pattern([hi,i,am,1],['Hey','!','!','How',are,you,doing,'?']).
```

```
pattern([thank,you],Ans) :- choose(['I',am,glad,'I',could,help,'!'],  
                                   ['My','Pleasure','!']],Reply), Ans=Reply.
```

% Abilities

```
pattern([i,cannot,1],Ans) :- choose(['Why',do,you,think,you,cannot,1,'?'],  
                                   ['What',would,happen,if,you,could,1,'?']],Reply), Ans=Reply.
```

```
pattern([i,can,1],Ans) :- choose(['What',else,can,you,do,'?'],  
                                   ['How',often,can,you,1,'?'],  
                                   ['Oh',you,can,'!','Can',you,'?']],Reply), Ans=Reply.
```

% --- Family and important people in life

```
pattern([1,X,2],['Can',you,tell,me,more,about,your,X,'?']) :- important_people(X).
```

% --- About other people

```
pattern([1,you,2,me],['What',makes,you,think,i,2,you,'?']).
```

Also for the important people we are setting some parameters that who all are counted in important people related to the person who is being consulted:-

important_people(father).
important_people(mother).
important_people(son).
important_people(sister).
important_people(brother).
important_people(daughter).

This way we will do all the necessary coding into our .pl file.

After which we will consult our .pl file into the swi prolog and will enter the initial query which will start the conversation between the person and the psychiatrist.

Hence a chatbot between psychiatrist and a person is being created.