Lab 3

1/25/17

Write an *Eliza* application that fulfills the postcondition specifications below given the precondition. A typical session is as follows.

Implement the functionality specified below. You may use *int*(), which returns an integer form of a string argument and *str*(), which returns a string form of an integer argument.

*# Eliza300  
# Intent: A list of helpful actions that a troubled person could take. Build 1*possible\_actions = [**'taking up yoga.'**, **'sleeping eight hours a night.'**, **'relaxing.'**,   
 **'not working on weekends.'**, **'spending two hours a day with friends.'**]  
  
**'''  
Precondition: possible\_actions is the list defined above  
  
Postconditions:  
1. (Welcome): A welcome message is on the console  
2. (user\_complaint): user\_complaint is the user's response to a prompt for the  
user's complaint  
3. (how\_long): how\_long is the user's string response to "How many months have  
you experienced ...?" AND Eliza300 sympathized, mentioning the duration  
4. (Advice):  
EITHER how\_long < 3 AND "Please return in \* months" is on the console where \*  
is 3-how\_long  
OR how\_long >= 3 AND The phrases in possible\_action are on separate lines  
on the console, each preceded by "Try ".   
'''**

**'''**

Here is an example of the interaction:

