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1 # -----
2 # Bot object
3 # -----
4
5 import random
6
7
8 class Bot:
9
10     def __init__(self, name):
11         self.name = name
12
13
14 def find_keyword(string): #Checks if chat input contains trigger words
15     keywords = ["work", "play", "eat", "cry", "sleep", "fight"]
16     for word in string.split():
17         if word in keywords:
18             return word
19     return "NOMATCH"
20
21
22 def name_check(string): #Checks if chat input is written by a bot
23     bot_names = ["alice", "bob", "dora", "chuck"]
24     word = string.split()[0].replace(":", "")
25     if word.lower() in bot_names:
26         return True
27
28
29 def response(bot_type, a, b=None): # Bot types with input a and b
30     if bot_type == "alice":
31         return f"I think {a}ing sounds great!"
32
33     if bot_type == "bob":
34         if b is None:
35             return f"Not sure about {a}ing. Don't I get a choice?"
36         return f"Sure, both {a} and {b}ing seems ok to me"
37
38     if bot_type == "dora":
39         alternatives = ["coding", "singing", "sleeping", "fighting"]
40         b = random.choice(alternatives)
41         res = f"Yea, {a} is an option. Or we could do some {b}."
42         return res # , b # Returns tuple
43
44     if bot_type == "chuck":
45         action = a + "ing"
46         bad_things = ["fighting", "bickering", "yelling", "complaining"]
47         good_things = ["singing", "hugging", "playing", "working"]
48         if action in bad_things:
49             return f"YESS! Time for {action}"
50         elif action in good_things:
51             return f"What? {action} sucks. Not doing that."
52         return "I don't care!"
53
54
55

```