

Data Types have Dinner

Task: act out the dinner by reading from the script.

Characters

- *String*
- *List*
- *Dict*

Action

<list> preparing dinner. <string> comes home.

S: Hi List!

L: Hi String!

S: (*agitated*) You know what? I had a **terrible** day at work!

L: What happened?

S: I had Unicode issues all day long. I have been telling my users they should use proper Unicode characters ever since Python 3.0. And still they get the encoding wrong.

L: Is the encoding really that important? I wouldn't care too much.

S: Yes I know, "*everything is an object*". You keep iterating that.

L: OK I admit I am not looking too closely at my contents like you do. But dict is doing the same.

S: Oh, there they are.

<dict> comes in

D: Hi folks! You know what! I had a **terrible** day at work!

S+L: What happened?

D: The same user came back again and again. It was get values, get values all day long.

S: What's so bad about that? Nobody can look up things as quickly as you do.

D: Yes, but if you want my values in a certain order, you end up checking all of them. This is really a lot of work.

L: Send them to me next time. I can keep my stuff sorted.

D: (*slightly annoyed*)

S: So how was your day, List?

L: Terrible day as well? Imagine, someone wanted to index me **with a string**!

D: *(grinning)*

S: No way. That's embarrassing! I hope you gave them a an IndexError.

L: A big one! Just to make sure they use an integer index next time.

D: *(still grinning and nodding)*

L: And what are you grinning about?

D: I don't see why you can't put a string in your square brackets. Strings work fine as keys with me.

L: Really? Hey String, how would you feel being one of their keys?

S: I don't mind as long as I'm unique.

(<dict> and <string> do a high-five)

(doorbell rings)

S: Hey it's a delivery! We got new data.

D: Who is it for?

S: I'm immutable, so it has to be one of you.

L: I could just append it to myself.

D: Check if there's a key.

S: Yes, there is one. Here you go.

D: And now let's eat.