

## PL

• This displays the question from data.

Eg: data['params'][a]

ToDo: Implement frontend for next-variant functionality.

## Middleware

• keeps track of total-variants & generates a variant number.

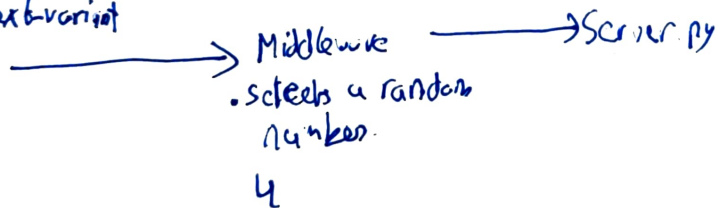
Eg: If you hit on next-variant on PL, middleware will select a random number from 0 to total-variants.

## Server.py

- The User writes this file.
- Once it gets a variant number (say variant  $i^{th}$ ) from middleware, it will return the values for the parameters.
- To ease this, user will import our helper library.

## Example Workflow:

1. Clicks on next-variant  
PL



## Helper

- Given a variant number, returns the values for all parameters.
- Input: variant-number
- eg: input: 4  
output: a=2, b=3, c=1