Coding Workshop

python™

Akamai

Agenda

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- Introductions

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- Coding Challenge/Collaborative puzzle

Introductions

What does Akamai do?

python
TM

Guessing game!

- Write a program that creates a random number, and asks the user to guess the number.

- Generating a random number:

```
from random import randint
num = randint(low, high)
```

BREAK

Back in 15 minutes!

Puzzle!

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    insmod gzio
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How might we solve this problem?

Your Turn!

- ⌘(Cmd) + Space Type in ‘terminal’ (Enter)

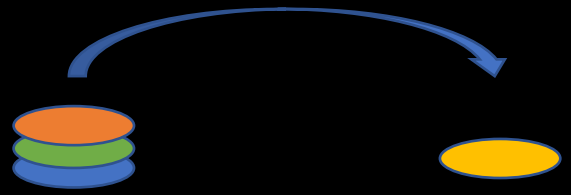
```
cd kori_exercises/valid_parens
pyenv activate kori
codium .
```

- You should see a file called ‘Problem.md’ and validator/validator.py
- Have a read. If you are stuck, feel free to ask questions!

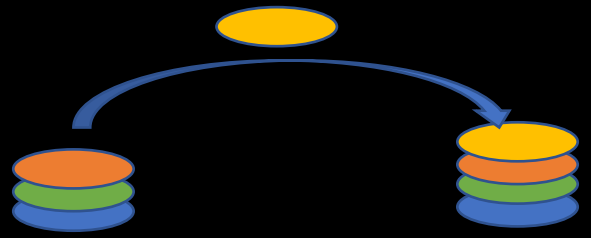
Stacks.

- Think of doing the washing up. A Stack is like a stack of plates

- I can take from the top of the stack, by *popping*



- Or I can add a plate to the top stack, by *pushing*



Appendix

- Setting up a python environment:
- Install Homebrew (https://brew.sh)
- `brew install pyenv pyenv-virtualenv`
- `pyenv install 3.10.10`
- `pyenv virtualenv 3.10.10 <name>`
- `pyenv activate <name>`
- The editor we use is called vscodium (it’s free!):
- `brew install vscodium`