

How Do Apps Work?

Source code, compiling and interpreting, how software is built, and blueprints for code

Everyone · 35 min · 5 pictures to explore

AN APP IS A SET OF WRITTEN INSTRUCTIONS

Pancakes

for the community breakfast

- 1 Heat the pan.
- 2 Mix flour, milk, and egg.
- 3 Pour batter in the pan.
- 4 Flip when bubbles show.
- 5 Serve warm.



hello.py

```
1 name = input("Your name? ")
2 print("Hello, " + name + "!")
3 print("Welcome to the app.")
```

Python

a programming language

Leave out one) and it stops:

```
print("Hello"
```

SyntaxError: '(' was never closed

My App

Your name?

Rose

Hello, Rose!

Welcome to
the app.

What you see

REMEMBER



An app is written instructions called source code



Compilers translate ahead; interpreters translate line by line



A class is a blueprint; objects are houses



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