WHAT IS AN
API

You are Hungry and
You need something to eat

You could

Go to Store , buy required
grocery and cook it yourself

But you will have to do a lot
of work to accomplish this

Or you could get it from a Restaurant

Professional Chefs would already have
all the required resources

We are here to
help you

But the Chef don't want you to access all their stuff

For safety and security purposes

**coughs, Nope

That is where an intermediate is needed to provide allowed service from one end to another

That is called an

A P I

Application Programming Interface

A P I

is a software intermediary that allows two applications to talk to each other

here a delivery app acts as an intermediate
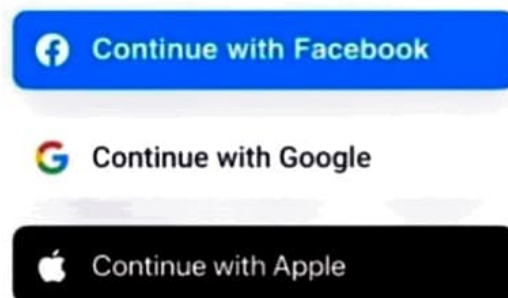between you and the restaurant

One common Application of API is

Sign Up on different sites using Google or Facebook

api

Continue with Facebook

Continue with Google

Continue with Apple

Why code everyhting s from scratch when someone has already built it

APIs are needed to bring applications together in order to perform a designed function built around sharing data and executing pre-defined processes

Few Popular API's are

Twitter

Google Maps

MailChimp

PayPal