

## Early Careers Software Engineering Program

### Complete at home Coding Assignment

#### The Problem

We are looking for you to find restaurant data and return this in an interface of your choice.

Using the API provided you will need to send a postcode to return a set of data, you'll need to filter this data to focus just on the restaurant data.

You will notice that a lot of data is returned in the 'restaurant object' (and in the whole response!), we're only interested in the following pieces of data being returned:

- Name
- Cuisines
- Rating - as a number
- Address

#### The Brief

We would like you to display these four data points in any way of your choosing, this could be: a web interface, console application, or anything you like.

Regardless of interface we'd like you to limit your shown data to the first 10 restaurants returned, we're more interested in how you display each one rather than a huge list of data.

Please upload your completed solution to Github (*bonus points if we can see git history!*).

**Please note there is no time limit to this, however we do require completion of the following assessment criteria.**

### Assignment Criteria

Ensure you complete the below:

- All four restaurant data points are displayed in your interface (name, cuisines, rating-as a number and address)
- All interface types will be assessed the same, please focus on displaying the data
- Add how to build, compile and run your solution into the README
- Include any assumptions or things that were not clear to you in the README
- Include any improvements you'd make to your solution in the README
- Send your github link, with interface including all assessment criteria outlined above, to [maria.harris@justeattakeaway.com](mailto:maria.harris@justeattakeaway.com) by/on the morning of your Assessment Day.

### API

The API endpoint you need to access is:

<https://uk.api.just-eat.io/discovery/uk/restaurants/enriched/bypostcode/{postcode}>

Replace {postcode} with a postcode of your choice eg EC4M 7RF to return restaurant data in that postcode.

<https://uk.api.just-eat.io/discovery/uk/restaurants/enriched/bypostcode/EC4M7RE>

### **Please note:**

This API only works for UK postcodes and will not work for postcodes from the Netherlands or Germany. We suggest for you to either:

1. Search for any UK postcode of your choice online
2. Pick a postcode from the list below

CT1 2EH	BS1 4DJ	L4 0TH	NE9 7TY
SW1A 1AA	CF11 8AZ	M16 0RA	EH1 1RE
BN1 1AE	CB7 4DL	LS2 7HY	G3 8AG
PL4 0DW	B26 3QJ	DH4 5QZ	BT7 1NN