# Question 1

We have our observable, *totalCustomers*, which displays the total number of customers in “real-time”. We want to display this number on the subtitle of the card. How are we going to do this? Why this approach?

*See if the candidate goes for the async pipe or a subscribe and see if he knows the idea of unsubscribing.*

# Question 2

We have the function GetQuotes on our FakeHttpService which returns an object containing the id and the price of the quote. We want to dynamically trigger a request to the back end when both fields are set and display the PRICE.

1. How are going to do this? *CombineLatest -> switchMap -> map*
2. If we want to not trigger a request if Data is < 100, how to do this? *Filter*
3. How to trigger the request at the start of the page? *startWith*
4. What s the difference between map and switchmap?

(Bonus) Do you know an alternative to map in this case? *Pluck*

# Question 3

We are going to add an extra line to display the quote Id, which is contained alongside the price. What is your approach?

*See the approach (if he goes for double pipe or subscribes) and if he knows shareReplay.*

*If he forgot about ShareReplay, show the console: what caused the double call?*

# Question 4

We want to display a progress bar when the request is ongoing.

1. How to do this with observable?

*See if he goes for a subject and a tap.*

1. What is the tap operator?
2. What is OnPush?