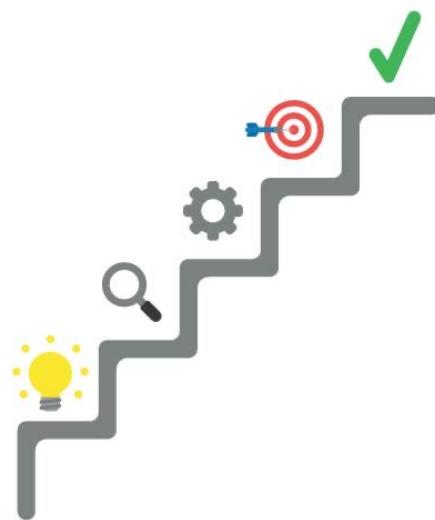
A cartoon illustration of a person with brown hair and a brown beard, looking very confused with wide eyes and a slightly open mouth. Numerous question marks of various sizes and colors (brown, tan, and red) are floating around their head, symbolizing uncertainty or a lack of understanding.

What is an algorithm?

What is an algorithm

A set of steps to accomplish the task.



What is my algorithm for

Making a tea.



1. Take a bowl

1. Take a bowl
2. Pour some water

1. Take a bowl
2. Pour some water
- 3. Boil**

1. Take a bowl
2. Pour some water
3. Boil
4. Get some tea leaves, sugar.



1. Take a bowl
 2. Pour some water
 3. Boil
 4. Get some tea leaves, sugar.
- 5. Pour them**

waiting for morning chai

1. Take a bowl
2. Pour some water
3. Boil
4. Get some tea leaves, sugar.
5. Pour them
- 6. More boiling**



1. Take a bowl
 2. Pour some water
 3. Boil
 4. Get some tea leaves, sugar.
 5. Pour them
 6. More boiling
- 7. Milk**

1. Take a bowl
2. Pour some water
3. Boil
4. Get some tea leaves, sugar.
5. Pour them
6. More boiling
7. Milk
- 8. Done**

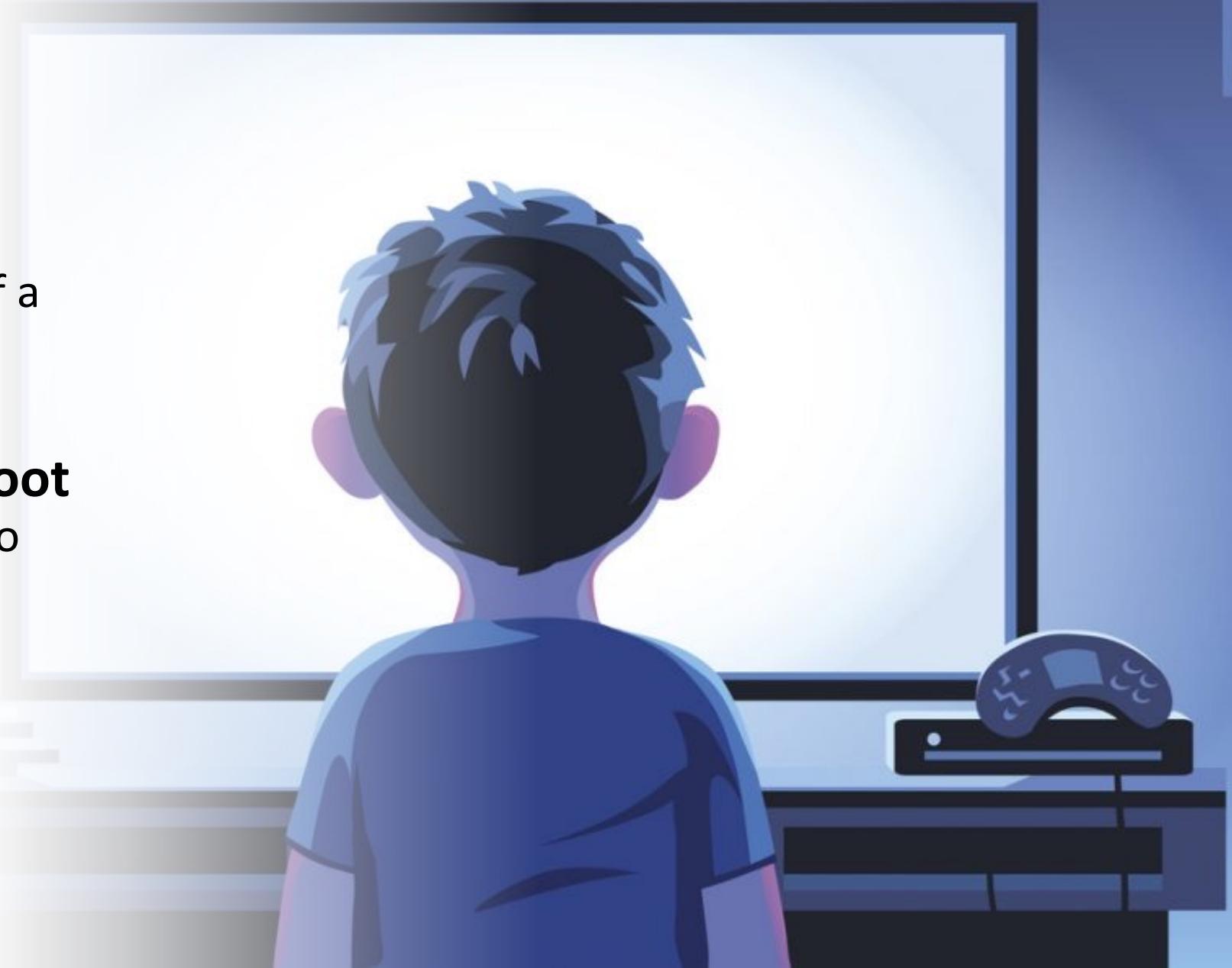


That was way too *easy!!*



Then why is it so much of a
big deal?

How come this to be in **root**
of everything that feels so
advance.



For your friend.

1. Take a bowl

1. Take a bowl
2. Pour some water

1. Take a bowl
2. Pour some water
3. Boil

1. Take a bowl
2. Pour some water
3. Boil
- 4. Get some ??**

1. Take a bowl
 2. Pour some water
 3. Boil
4. Get some ??

- tea leaves
- Sugar
- Black pepper
- Ginger
- ...



1. Take a bowl
 2. Pour some water
 3. Boil
4. Get some ??

- tea leaves
- Sugar
- Black pepper
- Ginger
- ...



1. Take a bowl
2. Pour some water
3. Boil

4. Get some ??

- tea leaves
- Sugar
- Black pepper
- Ginger
- ...



1. Take a bowl
2. Pour some water
3. Boil
4. Get some ??
 - tea leaves
 - Sugar
 - Black pepper
 - Ginger
 - ...
5. Pour them

1. Take a bowl
2. Pour some water
3. Boil
4. Get some ?
 - tea leaves
 - Sugar
 - Black pepper
 - Ginger
 - ...
5. Pour them
6. More boiling

1. Take a bowl
 2. Pour some water
 3. Boil
 4. Get some ?
 - tea leaves
 - Sugar
 - Black pepper
 - Ginger
 - ...
 5. Pour them
 6. More boiling
- 7. If not black tea**
- Milk



1. Take a bowl
2. Pour some water
3. Boil
4. Get some ?
 - tea leaves
 - Sugar
 - Black pepper
 - Ginger
 - ...
5. Pour them
6. More boiling
7. If not black tea
 - Milk
8. Done

When u see a chai 😍

phallibatana.com



What is my algorithm for
Shopping (let say for a TV)

1. Go to shop 1

1. Go to shop 1
2. Check TV

1. Go to shop 1
2. Check TV
- 3. Note the price.**

1. Go to shop 1
2. Check TV
3. Note the price.
4. Repeat 1, 3 for all shops in your area.



1. Go to shop 1
2. Check TV
3. Note the price.
4. Repeat 1, 3 for all shops in your area.

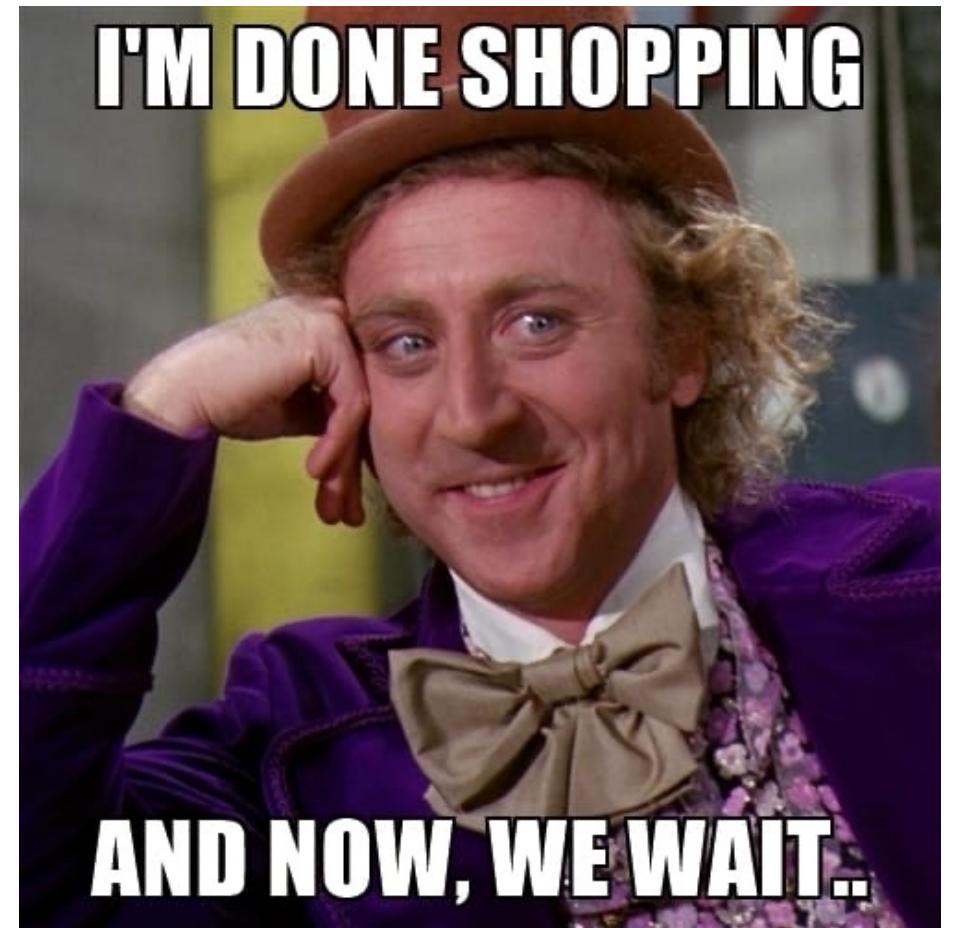
5. Take minimum.

1. Go to shop 1
2. Check TV
3. Note the price.
4. Repeat 1, 3 for all shops in your area.
5. Take minimum.
6. Get a TV.

me: dad please buy a smart TV
dad: but we have smart TV at home
smart TV at home :



1. Go to shop 1
2. Check TV
3. Note the price.
4. Repeat 1, 3 for all shops in your area.
5. Take minimum.
6. Get a TV.
7. Done.



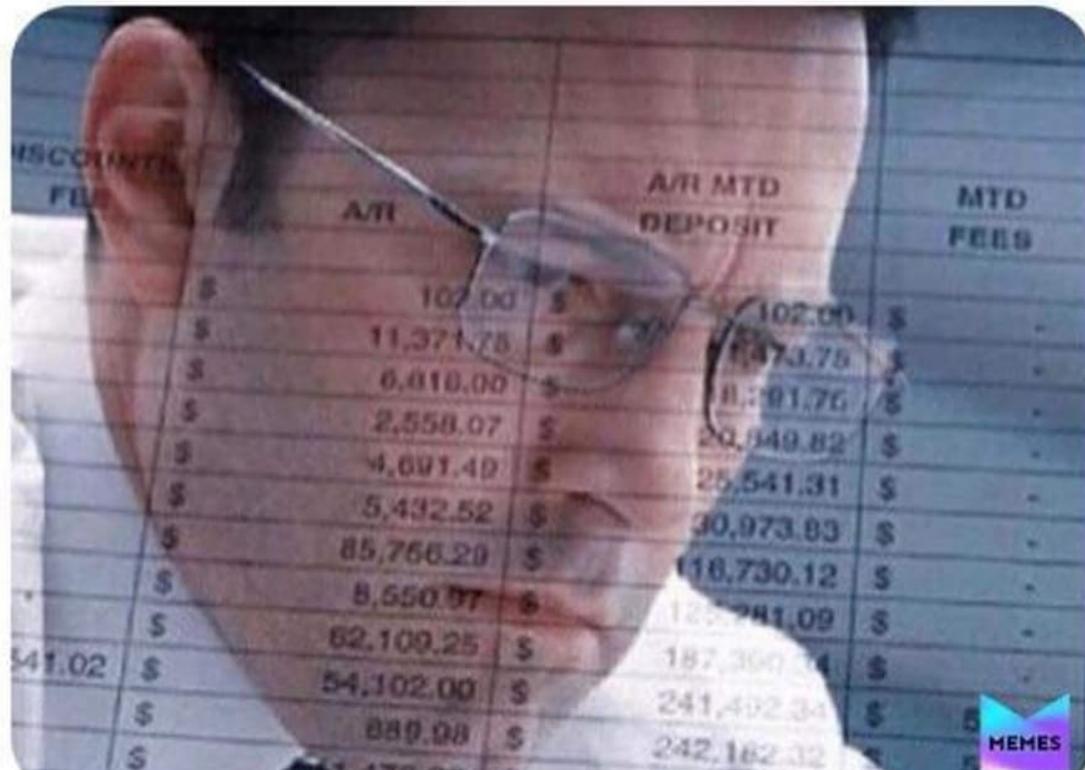
A better
ALGORITHM.

1. Go to shop 1

1. Go to shop 1

2. Check TV

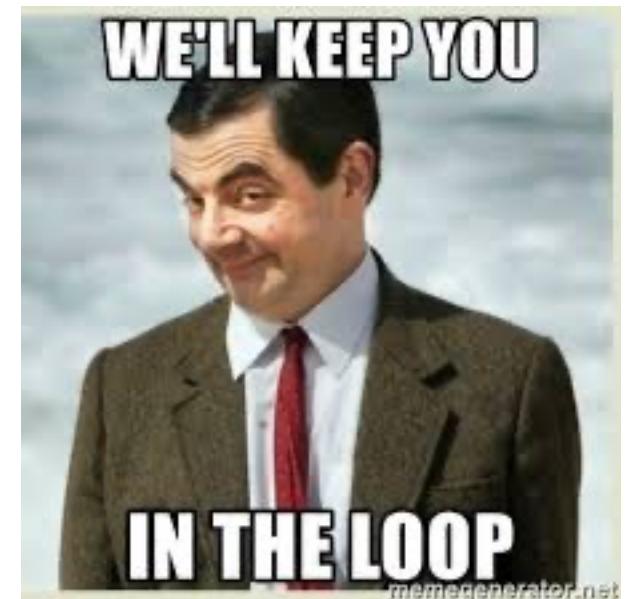
- for [range - someRange, range + someRange]



1. Go to shop 1
2. Check TV
 - for $[range - \text{someRange}, range + \text{someRange}]$
3. Note the price.



1. Go to shop 1
2. Check TV
 - for $[range - \text{someRange}, range + \text{someRange}]$
3. Note the price.
4. Repeat 1, 3 for all shops in your area.



1. Go to shop 1
2. Check TV
 - for $[range - someRange, range + someRange]$
3. Note the price.
4. Repeat 1, 3 for all shops in your area.
5. Take minimum of all.

1. Go to shop 1
 2. Check TV
 - for [range – someRange, range + someRange]
 3. Note the price.
 4. Repeat 1, 3 for all shops in your area.
- ## 5. Take minimum of all.
- Get your friends recommendations.
 - Check for brand support
 - Check more for product review.
 - Assign a priority Budget



1. Go to shop 1
 2. Check TV
 - for [range – someRange, range + someRange]
 3. Note the price.
 4. Repeat 1, 3 for all shops in your area.
- ## 5. Take minimum of all.
- Get your friends recommendations.
 - Check for brand support
 - Check more for product review.
 - Assign a priority Budget



1. Go to shop 1
 2. Check TV
 - for [range – someRange, range + someRange]
 3. Note the price.
 4. Repeat 1, 3 for all shops in your area.
- ## 5. Take minimum of all.
- Get your friends recommendations.
 - Check for brand support
 - Check more for product review.
 - Assign a priority Budget

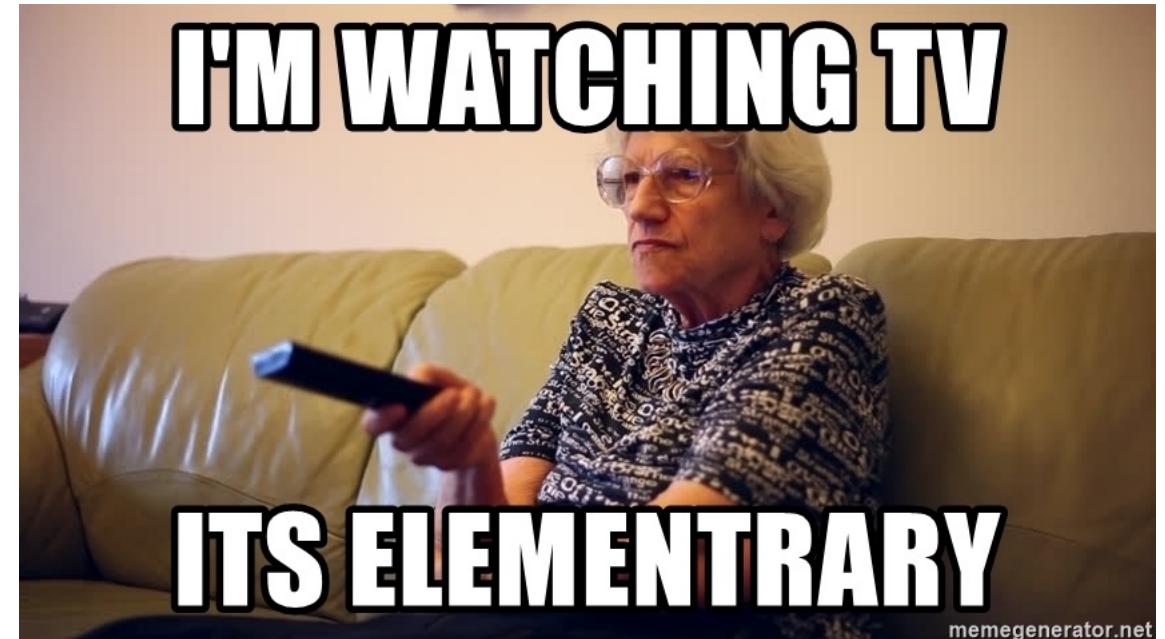


1. Go to shop 1
 2. Check TV
 - for [range – someRange, range + someRange]
 3. Note the price.
 4. Repeat 1, 3 for all shops in your area.
- 5. Take minimum of all.**
- Get your friends recommendations.
 - Check for brand support
 - Check more for product review.
 - Assign a priority Budget



1. Go to shop 1
2. Check TV
 - for $[range - someRange, range + someRange]$
3. Note the price.
4. Repeat 1, 3 for all shops in your area.
5. Take minimum of all.
 - Get your friends recommendations.
 - Check for brand support
 - Check more for product review.
 - Assign a priority Budget
6. Get a TV.

1. Go to shop 1
2. Check TV
 - for [range – someRange, range + someRange]
3. Note the price.
4. Repeat 1, 3 for all shops in your area.
5. Take minimum of all.
 - Get your friends recommendations.
 - Check for brand support
 - Check more for product review.
 - Assign a priority Budget
6. Get a TV.
7. Done.





That's it ?



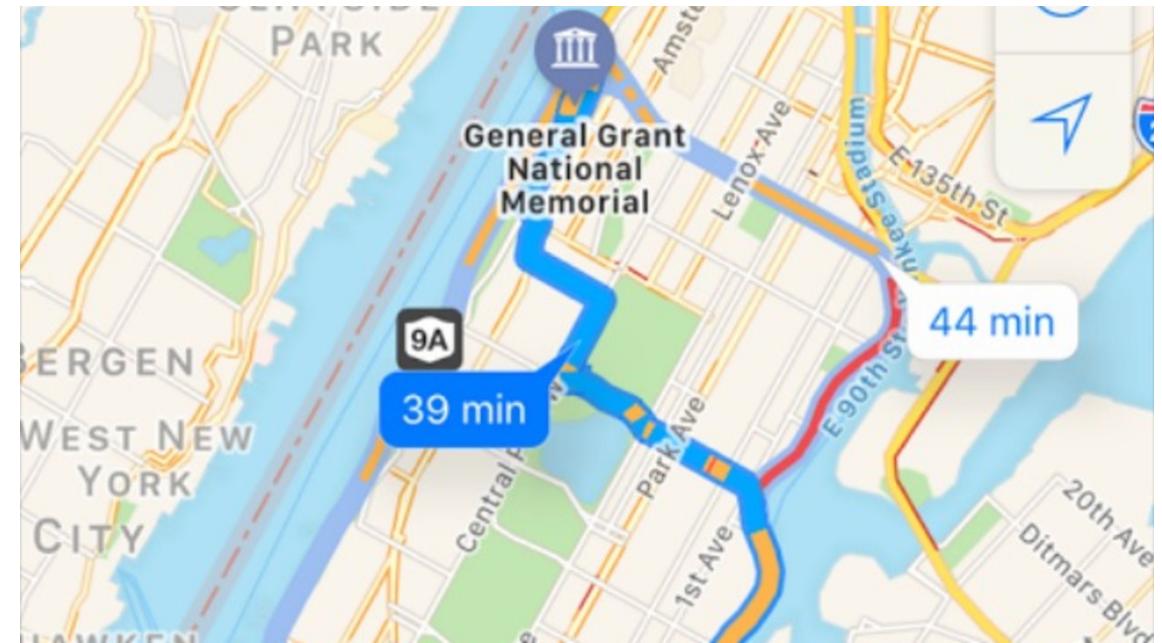
That's it ?
NO



Google Maps

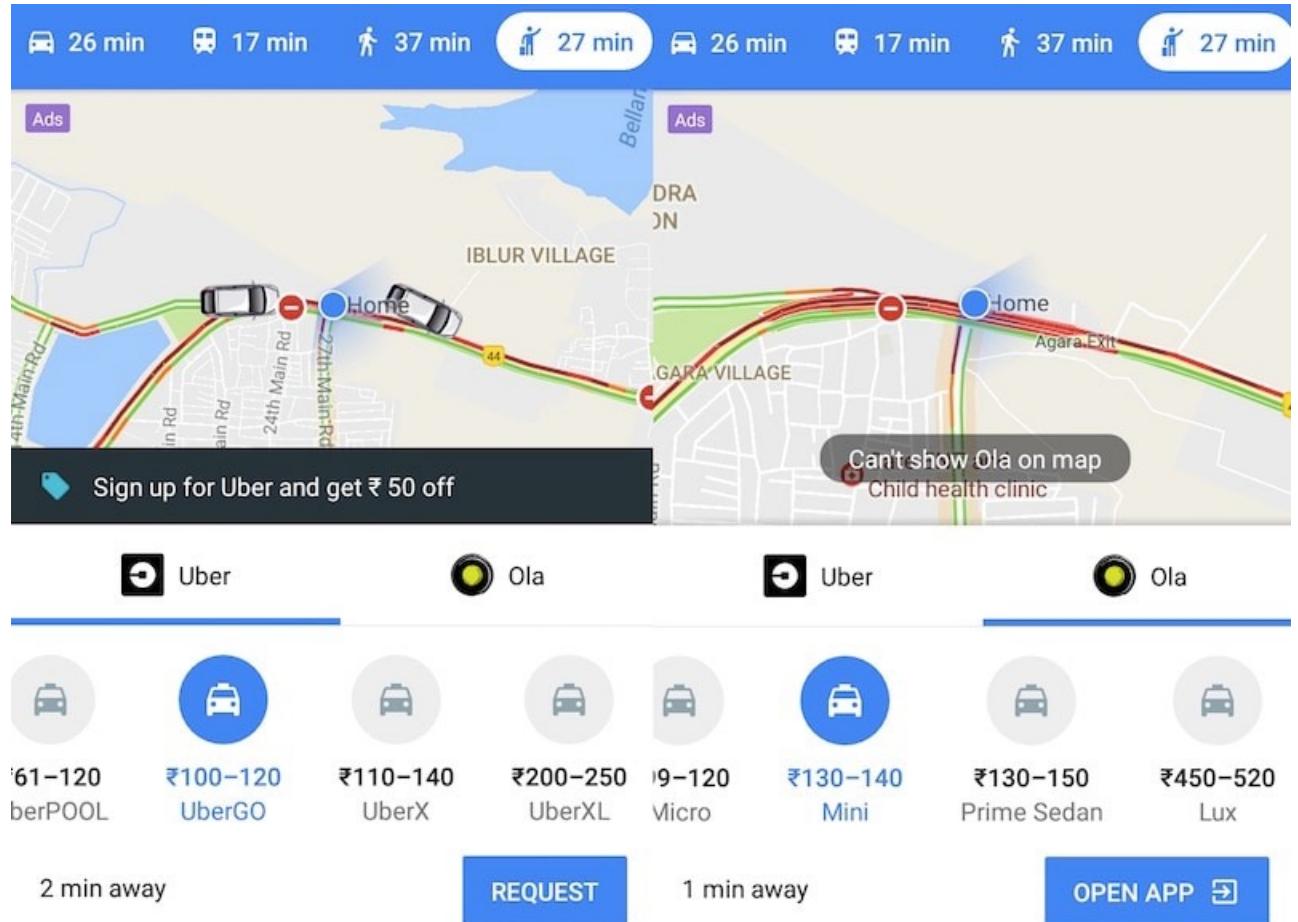
Google maps

- Takes care of
 - shortest distance.
 - Traffic, red lights



Google maps

- Takes care of
 - shortest distance.
 - Traffic, red lights
- Shows you ride.



Google maps

- Takes care of
 - shortest distance.
 - Traffic, red lights
- Shows you ride.
- Let you feedback everything.



Send feedback



Edit the map

Fix wrong info about places or roads



Add a missing place

Add a new place or business to the map



Send app feedback

Suggest changes or improvements to the app,
or report bugs



Report location issues

Blue dot in wrong place, points in wrong
direction, other accuracy issues

Algorithms makes your product to standout.



THANK YOU