

# Stylight coding tasks for Senior Android Developer

## General Questions:

1. Are there any apps you've built or contributed to in the Play Store? If so, please provide us with a link and a brief description, which part of the app you developed (or contributed on).
2. Please describe one of the most challenging problems you've solved as a developer, and what your solution looked like (preferably regarding Android development).

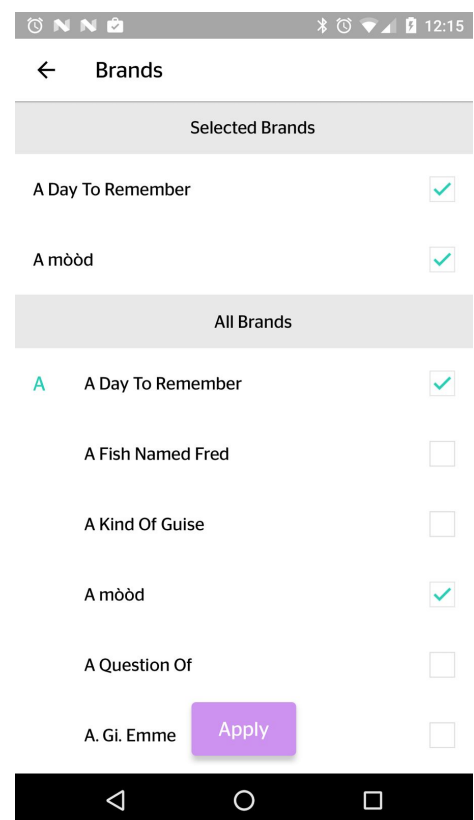
## Skill test:

### 3. Consider the following requirements:

- We need one single scrollable view that contains two sections arranged vertically. There should be a textview separating both sections.
- Each section should contain elements which have one checkbox and one text view.
- Initially the top section is empty and the bottom one has 100 elements.
- Whenever an item is selected in the bottom section, it should appear checked in the top section as well.
- Whenever an item is unselected either in the top or bottom section it should disappear from the top section and remain unchecked in the bottom one.

You can find a visual example how something like this might look like on the right.

Please describe how you would solve it (no coding needed). What components would you use? Are you following any specific pattern? Are there any options you have considered and discarded?



## 4. Coding Task

Write a prototype of an app, which contains the following elements in a scrollable view (check design on the next page):

- 8 fashion products, displayed in a horizontal slider
- A list of 3 fashion magazine posts
- 8 products from the lamps category, displayed in a horizontal slider
- A list of 3 lifestyle magazine posts

You can fetch the content from these 2 API endpoints

Products: <https://api.stylight.com/rest/products>

Query params:

- category (int): get products of this category only (specified by the id)
- pageltems (int): number of items returned per page

The categories you are interested in are:

- Lamps ID: 28107
- Clothing ID: 10203

Posts URL : <https://api.stylight.com/rest/posts>

Query params:

- category (String): get posts of this category only (specified by a slug)
- pageltems (int): number of items returned per page

The categories you are interested are:

- Fashion slug: "fashion"
- Lifestyle slug: "lifestyle"

Additionally you need to specify these 2 headers in each request:

X-Locale: de\_DE

X-apiKey: C6490912AB3211E680F576304DEC7EB7

Sample request:

```
curl -H "X-apiKey: C6490912AB3211E680F576304DEC7EB7" -H "X-Locale: de_DE" --compressed "http://api.stylight.com/rest/posts?category=fashion"
```

There are no restrictions on 3rd party code or frameworks usage.

Please upload source code of your application to a public GitHub repository (<http://github.com>) and send us a link. You can create free account if you don't have one already or prefer to keep your personal account undisclosed.

Email [francesco.gatti.gomez@stylight.com](mailto:francesco.gatti.gomez@stylight.com) If you have any questions.

### Check these out

New and trending products



Blouse  
123,95 €



Blouse  
123,95 €

### The latest fashion news

Get up to date



Fashion

What To Wear To A  
Job Interview:  
Outfits For Every  
'Chat'



Fashion

What To Wear To A  
Job Interview:  
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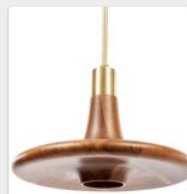


Fashion

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### The coolest lamps

New and trending products



Lamp  
123,95 €



Lamp  
123,95 €

### The latest lifestyle news

Get up to date



Lifestyle

Go girl! Diese Musik  
motiviert dich  
sofort zum Joggen



Lifestyle

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