**Homework Assignment**

**Goal**
The goal of this test is to implement a packages project, where you visualize a package list. You are able to sort the package list based on it's current price, you can favorite a package and you can select a sort value to further sort the list. Finally we would like to see you add the option to filter the package list, based on a package's subscription type and availability date.

**Description**
In the attachments you can find a JSON file (packageList.json), this file contains all the necessary data to complete this assignment. Parse the JSON file and use it for the visualization and sorting of the list. Use the following priority of the sorting (from the highest to the lowest priority):

1   Favorites: Favorite packages are at the top of the list, your current favorite packages are stored locally on the phone.
2   Subscription type: package is either yearly (top), you can order monthly (middle) or a package is weekly (bottom). (Values available in packageList.json)
3   Sort options: Always one sort option is chosen and this can be data, talk and sms. (Values available in packageList.json)

Regarding the filtering, it's up to you how you want to make it possible for us to search by package name.

**Notes**

• Please visualize the name and description of the packages, the current subscription type, price, tariff, did use before, the selected sort, the sort value for a package and if it's a favorite or not.
• Remember if you have multiple favorite packages, they are also sorted based on their current subscription type and current selected sort.
• We expect valid test cases