Filters

# Intro:

There will be 3 filters that the use can combine in order to customise their selected products. The 3 filters are:

* Price
* Colours
* Availability

# Price:

There will be 2 integer inputs. One input will be a minimum price and the other will be a maximum price. Both the minimum and maximum price inputs should be filled in otherwise an error will be displayed to the user. The prices should also be integers so any decimal values will give an error.

# Colours:

This type of filter will have checkboxes for each available colour. The colours will be taken from the list of products available. This will be done by first fetching all the products from the API and then directly adding the colours to a list. This will happen before the products are displayed and is statically created so once it is displayed, they cannot be altered (but can be selected and de-selected as they are checkboxes). This includes changing the “type of clothes” such as: new, formal, shirts, trousers etc.

# Availability:

Another filter that only has one checkbox. Acts as a Boolean value ad states whether only available clothes should be shown or all clothes should be shown (even ones that are not available). Because this will never change even if more products are added, this will not be loaded from the API. Rather, it will be created statically.