Filtering based on end activities.

In general, PM4Py offers two methods to filter a log or a dataframe on end activities. In the first method, a list of end activities has to be specified. On the activities that are contained in the list, the filter is applied on. In the second method, a decreasing factor is used. An explanation can be inspected by clicking on the button in the start activity section.

```
from pm4py.algo.filtering.log.end_activities import end_activities_filte
end_activities = end_activities_filter.get_end_activities(log)
filtered_log = end_activities_filter.apply(log, ["pay compensation"])
```

Figure 1

```
from pm4py.algo.filtering.pandas.end_activities import end_activities_fi
end_acitivites = end_activities_filter.get_end_activities(df)
filtered_df = end_activities_filter.apply(df, ["pay compensation"],
                                          parameters={end_activities_fil
                                                      end_activities_fil
```

Figure 2

This filter permits to keep only traces with an end activity among a set of specified activities. First of all, it might be necessary to know the end activities. Therefore, code snippets are provided. Subsequently, an example of filtering is provided. Here, for the dataframe filtering, a further attribute specification is possible: **case:concept:name** is in this case the column of the dataframe that is the Case ID, **concept:name** is the column of the dataframe that is the activity