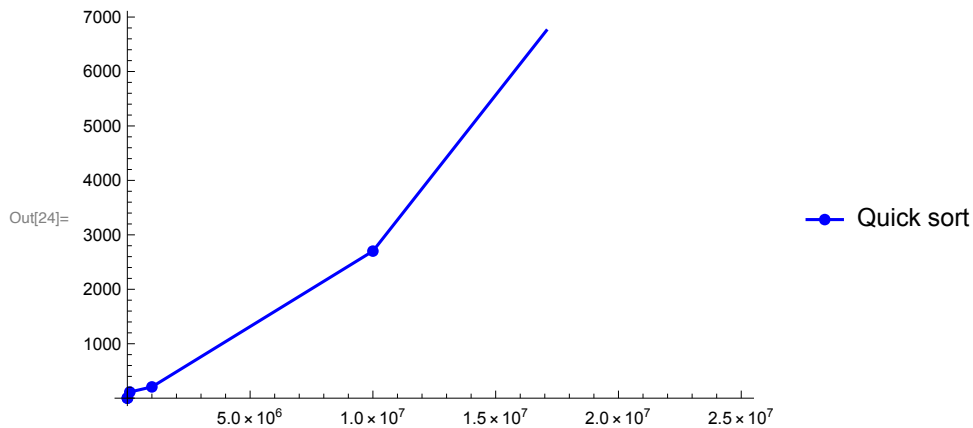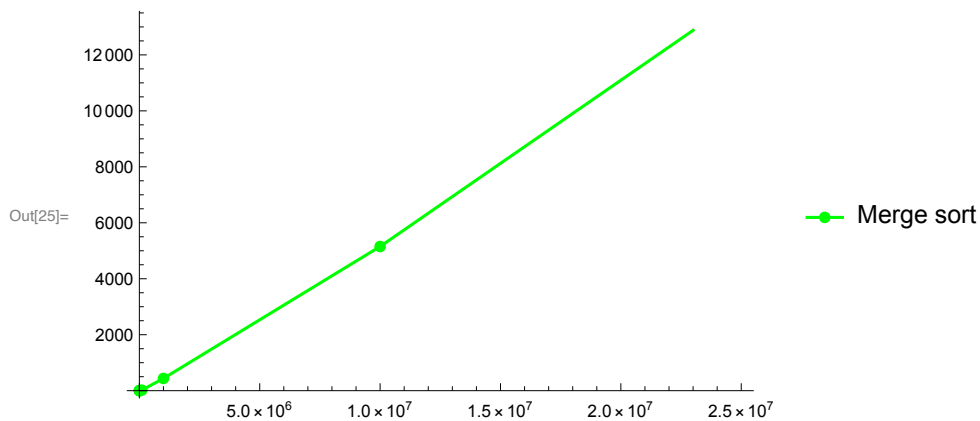In[9]:= `Quicksort = {{100, 1}, {1000, 1}, {10 000, 5}, {100 000, 113},`
`{1 000 000, 207}, {10 000 000, 2701}, {100 000 000, 54 304}};`
`MergeSort = {{100, 0}, {1000, 1}, {10 000, 5}, {100 000, 19},`
`{1 000 000, 437}, {10 000 000, 5152}, {100 000 000, 58 632}};`

In[11]:= `InsertionSort = {{100, 8}, {1000, 10}, {10 000, 211}, {100 000, 15 157}};`

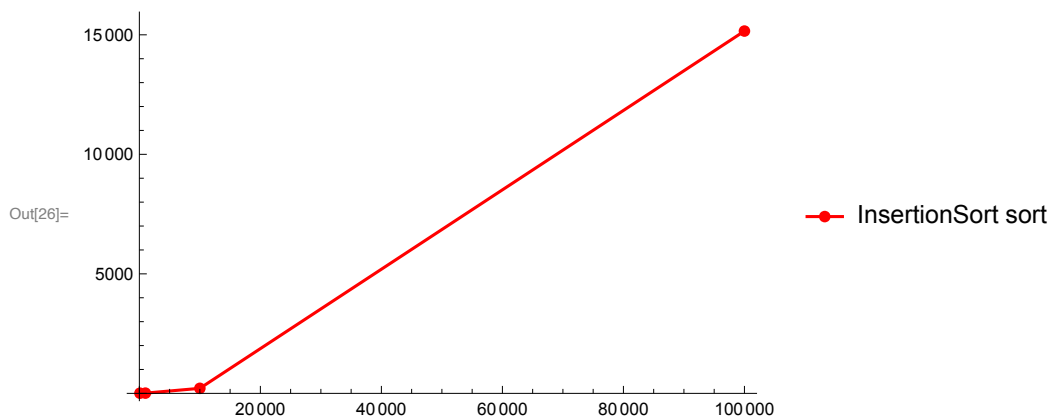In[24]:= `quickplot = ListLinePlot[Quicksort ,`
`PlotLegends → {"Quick sort"}, PlotMarkers → Automatic, PlotStyle → Blue]`

Out[24]=

In[25]:= `mergeplot = ListLinePlot[MergeSort,`
`PlotLegends → {"Merge sort"}, PlotMarkers → Automatic, PlotStyle → Green]`

Out[25]=

In[26]:= `Insertionplot = ListLinePlot[InsertionSort,`
`PlotLegends → {"InsertionSort sort"}, PlotMarkers → Automatic, PlotStyle → Red]`

Out[26]=

In[30]:= **Show[quickplot, mergeplot, Insertionplot,**
AxesLabel -> {"number of elements", "ms"}]

Out[30]=