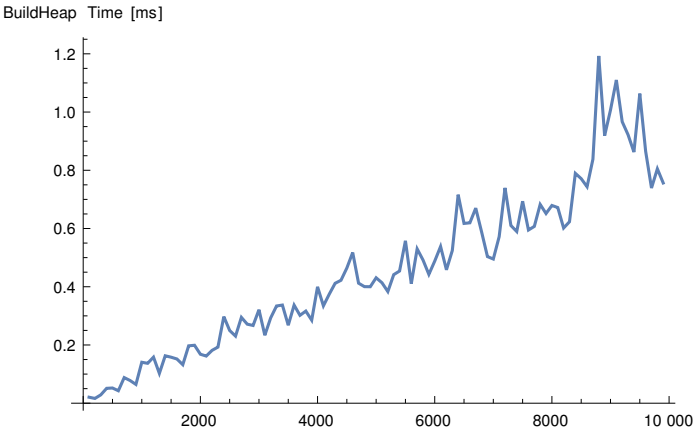
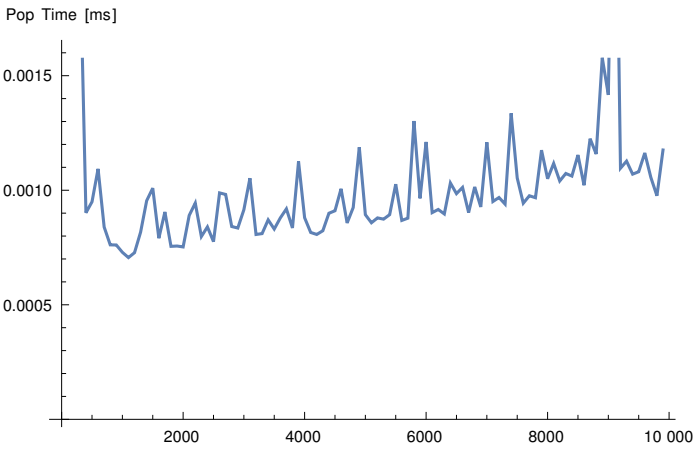
In[1298]:=
```
(*pqBuild = Import["/home/zalewski26/Desktop/algostyTesty/buildHeap.txt", "Table"]
    pqPop = Import["/home/zalewski26/Desktop/algostyTesty/popHeap.txt", "Table"]
     pqPriority =
    Import["/home/zalewski26/Desktop/algostyTesty/priorityHeap.txt", "Table"]
      dijkstra = Import["/home/zalewski26/Desktop/algostyTesty/dijkstra.txt", "Table"]
       kruskal = Import["/home/zalewski26/Desktop/algostyTesty/kruskal.txt", "Table"]
        prim = Import["/home/zalewski26/Desktop/algostyTesty/prim.txt", "Table"]
         srw = Import["/home/zalewski26/Desktop/algostyTesty/srw.txt", "Table"]
          gw = Import["/home/zalewski26/Desktop/algostyTesty/gw.txt", "Table"]
           hw = Import["/home/zalewski26/Desktop/algostyTesty/hw.txt", "Table"]

             pqBuild=GroupBy[pqBuild[[All,{1,2}]],First→Last,Mean]
              pqPop=GroupBy[pqPop[[All,{1,2}]],First→Last,Mean]
               pqPriority=GroupBy[pqPriority[[All,{1,2}]],First→Last,Mean]
                dijkstra=GroupBy[dijkstra[[All,{1,2}]],First→Last,Mean]
                 kruskal=GroupBy[kruskal[[All,{1,2}]],First→Last,Mean]
                  prim=GroupBy[prim[[All,{1,2}]],First→Last,Mean]
                   srwHops=GroupBy[srw[[All,{1,2}]],First→Last,Mean]
                    srwCost=GroupBy[srw[[All,{1,3}]],First→Last,Mean]
                     srwTime=GroupBy[srw[[All,{1,4}]],First→Last,Mean]
                      hwHops=GroupBy[hw[[All,{1,2}]],First→Last,Mean]
                       hwCost=GroupBy[hw[[All,{1,3}]],First→Last,Mean]
                        hwTime=GroupBy[hw[[All,{1,4}]],First→Last,Mean]
                         gwHops=GroupBy[gw[[All,{1,2}]],First→Last,Mean]
                          gwCost=GroupBy[gw[[All,{1,3}]],First→Last,Mean]
                           gwTime=GroupBy[gw[[All,{1,4}]],First→Last,Mean]*)

ListLinePlot[pqBuild, AxesLabel → "BuildHeap  Time [ms]"]
ListLinePlot[pqPop, AxesLabel → "Pop  Time [ms]"]
ListLinePlot[pqPriority, AxesLabel → "Priority  Time [ms]"]
ListLinePlot[{dijkstra, kruskal, prim},
 AxesLabel → "Time [ms]", PlotLegends → {"Dijkstra", "Kruskal", "Prim"}]

f[x_] := x * Log[x];
With[{x := 100 xp}, tab = Table[{x, f[x]}, {xp, 1, 10}]];
ListLinePlot[{srwHops, GroupBy[tab, First → Last, Mean]},
 PlotLegends → {"SimpleRandomWalk  hops", "nlogn"}]
ListLinePlot[{srwHops / GroupBy[tab, First → Last, Mean]}, PlotLegends → {"Constant"}]

ListLinePlot[{srwHops, gwHops, hwHops},
 AxesLabel → "Moves", PlotLegends → {"Random", "Greedy", "Hamilton"}]
ListLinePlot[{srwCost, gwCost, hwCost}, AxesLabel → "Costs",
```

```
 PlotLegends → {"Random", "Greedy", "Hamilton"}]
ListLinePlot[{srwTime, gwTime, hwTime}, AxesLabel → "Time",
 PlotLegends → {"Random", "Greedy", "Hamilton"}]
```

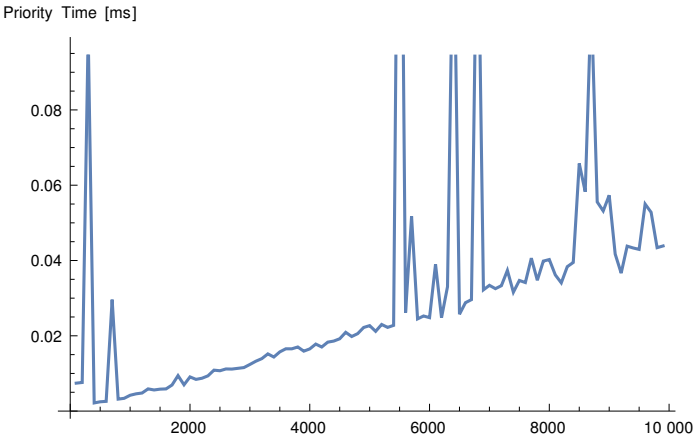
Out[1298]=



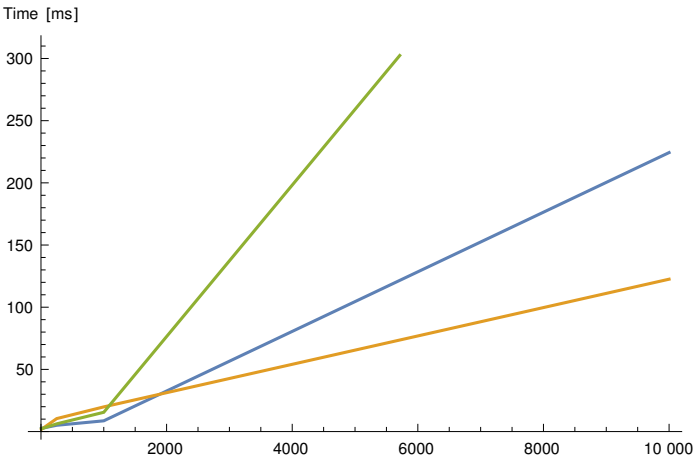
Out[1299]=



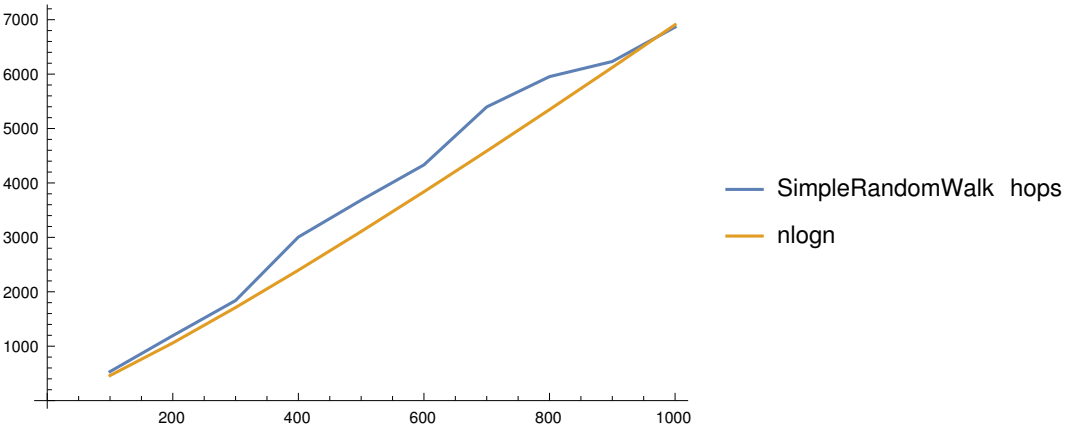
Out[1300]=



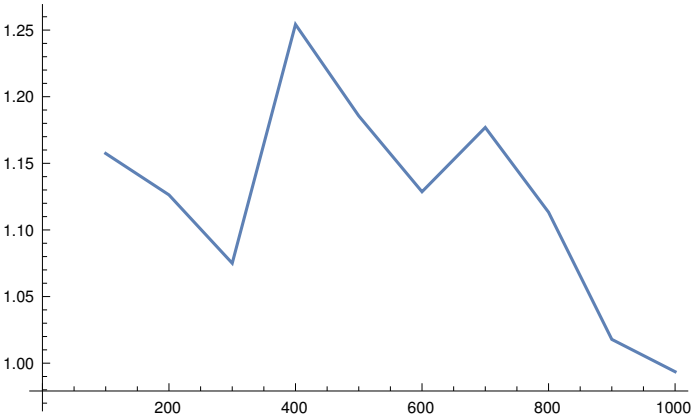
Out[1301]=



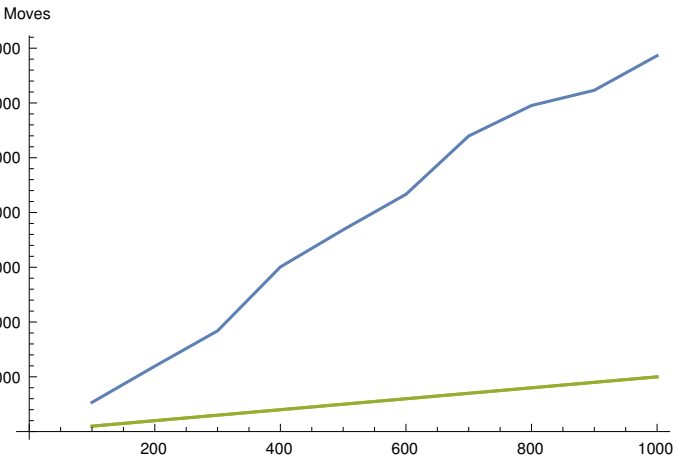
Out[1304]=



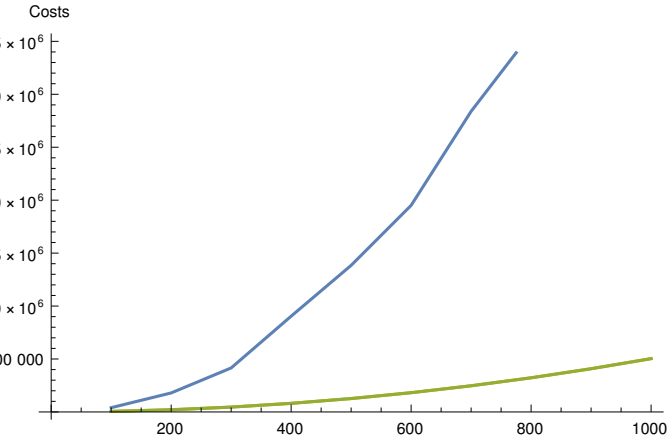
Out[1305]=



Out[1306]=



Out[1307]=



Out[1308]=