Author: Thomas Rudolph

Subject: Lab 2 Report

Output:

```
CSCI232 - C:\Users\Tom\Documents\CSCI232 ×   BinPacker (run) ×

  run:

   First Fit Results:
   --------------------
  Values in bin 0 : 28 42 4
  Values in bin 1 : 12 5 30 22
  Values in bin 2 : 45 17 11
  Values in bin 3 : 44 16 12
  Values in bin 4 : 33 23 18
  Values in bin 5 : 21 15 24 13
  Values in bin 6 : 21 6 7 8


   Best Fit Decreasing Results:
   ----------------------------
  Values in bin 0 : 28 42
  Values in bin 1 : 12 5 30 17
  Values in bin 2 : 45 22 6
  Values in bin 3 : 11 44 16
  Values in bin 4 : 12 33 23 4
  Values in bin 5 : 21 18 15
  Values in bin 6 : 24 21 13 7 8


   Worst Fit Decreasing Results:
   -----------------------------
  Values in bin 0 : 28 42
  Values in bin 1 : 12 5 30 22
  Values in bin 2 : 45 17 11
  Values in bin 3 : 44 16 12
  Values in bin 4 : 33 23 13
  Values in bin 5 : 21 18 15 6 8
  Values in bin 6 : 24 21 4 7
  BUILD SUCCESSFUL (total time: 0 seconds)
```

Overall, it seemed that the best fit decreasing results where the best. If sorted arrays where passed into the fitting functions, a different function might be the best.