Data Structure 2018 Lab 09

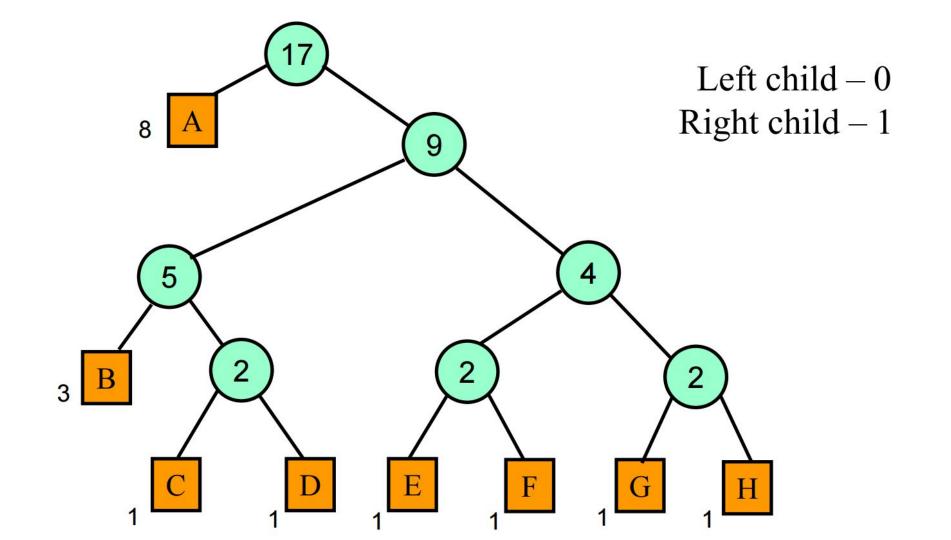
Mohammad Sadegh Najafi

Today's task

- Implement your own min heap
- Compute the character frequencies
- Insert the frequencies into a min heap(You can not use Java's PriorityQueue)
- Repeat
 - Delete the two minimum elements, f1 and f2 from the heap
 - Insert f1+f2 into the heap
- Complexity: O(n log n)

For Today's task

- Use eclipse or other IDE
- Create your MYhuffman.java file
- Submit your .java file in the ETL
- Print out your name in the first line



Expected output

SYMBOL	FREQ	HUFFMANCODE
1	36	0
2	18	110
3	12	100
4	9	1110
5	7	1011
6	6	1010
7	5	11111
8	4	11110

Your output may not match exactly same