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EECS560 Lab 8

Insert

We can visually confirm that the tree is being built correctly.

```
Printing level order...
3
99 96
12 6 15 27
85 87 97 94 91 60 70 93
20 38 22 14 69 63 26 28 31 78 36 23 59 64 57 43
74 41 50 73 25 37 71 16 92 81 68 82 30 83 47 58 84 46 24

What do you want to do?
1. Insert a new item
2. Perform deleteMin
3. Perform deleteMax
4. Print levelOrder.
5. Print flat array.
6. Run Demo
7. Exit
Select an option: 1
What value to insert? 100
What do you want to do?
1. Insert a new item
2. Perform deleteMin
3. Perform deleteMax
4. Print levelOrder.
5. Print flat array.
6. Run Demo
7. Exit
Select an option: 4
Printing level order...
3
99 100
12 6 15 27
85 87 97 94 96 60 70 93
20 38 22 14 69 63 26 28 31 78 36 23 59 64 57 43
74 41 50 73 25 37 71 16 92 81 68 82 30 83 47 58 84 46 24 91
```

Deletmin

```
Printing level order...
3
99 100
12 6 15 27
85 87 97 94 96 60 70 93
20 38 22 14 69 63 26 28 31 78 36 23 59 64 57 43
74 41 50 73 25 37 71 16 92 81 68 82 30 83 47 58 84 46 24 91

What do you want to do?
1. Insert a new item
2. Perform deleteMin
3. Perform deleteMax
4. Print levelOrder.
5. Print flat array.
6. Run Demo
7. Exit
Select an option: 2
Deletemin completed.
What do you want to do?
1. Insert a new item
2. Perform deleteMin
3. Perform deleteMax
4. Print levelOrder.
5. Print flat array.
6. Run Demo
7. Exit
Select an option: 4
Printing level order...
6
99 100
12 26 15 27
85 87 97 94 96 60 70 93
20 38 22 14 69 63 30 28 31 78 36 23 59 64 57 43
74 41 50 73 25 37 71 16 92 81 68 82 91 83 47 58 84 46 24
```

Deletemax

```
Printing level order...
6
99 100
12 26 15 27
85 87 97 94 96 60 70 93
20 38 22 14 69 63 30 28 31 78 36 23 59 64 57 43
74 41 50 73 25 37 71 16 92 81 68 82 91 83 47 58 84 46 24

What do you want to do?
1. Insert a new item
2. Perform deleteMin
3. Perform deleteMax
4. Print levelOrder.
5. Print flat array.
6. Run Demo
7. Exit
Select an option: 3
Deletemax completed.
What do you want to do?
1. Insert a new item
2. Perform deleteMin
3. Perform deleteMax
4. Print levelOrder.
5. Print flat array.
6. Run Demo
7. Exit
Select an option: 4
Printing level order...
6
99 96
12 26 15 27
85 87 97 94 84 60 70 93
20 38 22 14 69 63 30 28 24 78 36 23 59 64 57 43
74 41 50 73 25 37 71 16 92 81 68 82 91 83 47 58 31 46
```