

Binomial Heap -

IBH18CS013

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void decreaseKeyVal(old_val, new_val)

{

BinomialHeapNode temp = Node.findNode(old_val)

if (temp == null)
return

temp.key = new_val;

BinomialHeapNode tempParent = temp.parent;

while((tempParent != null) && (temp.key < tempParent.key))

{

int z = temp.key;

temp.key = tempParent.key;

tempParent.key = z;

temp = tempParent;

tempParent = tempParent.parent;

}

}


```
void delete (int val)
```

```
{
```

```
if (Node != null && Node->findKey(val) != null)
```

```
{
```

```
    decreaseKeyVal (val, findMin()-1)
```

```
    extract Min();
```

```
}
```

```
}
```