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Abhishikat

(Write-up)

Continuation of Binomial Heap

```
// Decrease value of key at index 'i' to new_val.
// We assume that new_val < harr[i]
void Minheap::decreaseKey(int i, int new_val)
{   harr[i] ← new_val;
    while i != 0 and harr[parent(i)] greater than harr[i]
        { swap(&harr[i], &harr[parent(i)]);
          i ← parent(i); }
}

// It first reduced value to minus infinite, then calls
// extract min.

void MinHeap::deleteKey(int i)
{   decreaseKey(i, INT_MIN)
    extractMin();
}
```