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Implementation of Binary Heap

```
void insertKey (int k)
{ if (heap-size == capacity) sout("overflow");

    heap-size ++;
    int i = heap-size - 1;
    heap[i] = k;
    while (i != 0 && harr [parent (i)] > harr (i))
    { swap ( harr [i], harr[parent(i)]);
        i = parent(i);
    }
}
int extractmin ()
{ if (heap_size <= 0) return INT_MAX;

    if (heap_size == 1)
    { heap_size --;
        return harr[0];
    }
    int root = harr [0];
    harr [0] = harr [heap-size - 1];
    heap-size --;
    minheapify (0);
    return root;
}
```

```
int getmin () return harr[0];
```