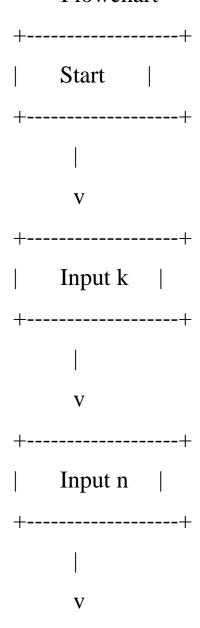
Kth Largest Element:

- Explanation-The problem involves finding the k-th largest element in a dynamic stream of integers. As each number is received, it is processed to maintain a Min-Heap of size k. Once all elements have been added, the root of the Min-Heap represents the k-th largest element in the stream.
- Time Complexity- O(nlogk)
- Space Complexity- O(k)
- Flowchart-



```
+----+
| Initialize Min-Heap|
of size k
+----+
+----+
  Loop i = 0 to n-1
+----+
   Input num |
+----+
| If size < k |
   |Yes
 ----+
| Add num to Heap
```

```
Heapify Up |
    No
| If num > Root |
    |Yes
+----+
| Replace Root with |
    num
 Heapify Down
+----+
 Output k-th
 Largest Element |
```

+		+
	End	
+		+