void build\_maxheap (int Arr[ ])

{

for(int i = N/2 ; i >= 1 ; i-- )

{

max\_heapify (Arr, i) ;

}

}

void max\_heapify (int Arr[ ], int i, int N)

{

int left = 2\*i //left child

int right = 2\*i +1 //right child

if(left<= N and Arr[left] > Arr[i] )

largest = left;

else

largest = i;

if(right <= N and Arr[right] > Arr[largest] )

largest = right;

if(largest != i )

{

swap (Arr[i] , Arr[largest]);

max\_heapify (Arr, largest,N);

}

}