

```
def build_huffman(frequenties):  
    Q=Queue.PriorityQueue() # 初始化优先队列 Q;  
    for v in frequenties: # ((freq,word),index)  
        Q.put(v)  
    idx=0  
    while Q.qsize()>1:# 由底至顶合并节点  
        l,r=Q.get(),Q.get()  
        node=Node(l,r,idx)  
        idx+=1  
        freq=l[0]+r[0]  
        Q.put((freq,node))  
    return Q.get()[1] # 霍夫曼树
```