```
[8/11]
                                while.cond5:
                                                                     ; preds = %if.end, %while.end
                                %14 = load %struct.list_node*, %struct.list_node** %list_it, align 8
                      %next6 = getelementptr inbounds %struct.list_node, %struct.list_node* %14, i32 0, i32 1
                                 %15 = load %struct.list node*, %struct.list node** %next6, align 8
                                          %cmp7 = icmp ne %struct.list_node* %15, null
                                       br i1 %cmp7, label %while.body8, label %while.end11
                                            [0/7]
                while.body8:
                                                      ; preds = %while.cond5
              %16 = load %struct.list_node*, %struct.list_node** %list_it, align 8
              store %struct.list_node* %16, %struct.list_node** %prev_it, align 8
              %17 = load %struct.list_node*, %struct.list_node** %list_it, align 8
                                                                                                                                 [9/10]
                                                                                               if.end:
    %next9 = getelementptr inbounds %struct.list_node, %struct.list_node* %17, i32 0, i32 1
                                                                                                                                  ; preds = %delete.end, %while.body8
              %18 = load %struct.list_node*, %struct.list_node** %next9, align 8
                                                                                                                         br label %while.cond5
               store %struct.list_node* %18, %struct.list_node** %list_it, align 8
              %19 = load %struct.list_node*, %struct.list_node** %prev_it, align 8
                      %cmp10 = icmp ne %struct.list_node* %19, %begin
                          br i1 %cmp10, label %if.then, label %if.end
                              [1/4]
                                      ; preds = %while.body8
                                                                                                         [5/6]
    if.then:
%20 = load %struct.list_node*, %struct.list_node** %prev_it, align 8
                                                                        delete.end:
                                                                                                            ; preds = %delete.notnull, %if.then
          %isnull = icmp eq %struct.list_node* %20, null
                                                                                                    br label %if.end
       br i1 %isnull, label %delete.end, label %delete.notnull
                              [2/3]
                                          ; preds = %if.then
      delete.notnull:
            %21 = bitcast %struct.list_node* %20 to i8*
                 call void @_ZdlPv(i8* %21) #9
                       br label %delete.end
```