```
[0/11]
                                             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
                                                                                                                     [3/10]
                                                                                          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
                                 [1/2]
                                                                                        %17 = load %struct.list_node*, %struct.list_node** %list_it, align 8
if.end:
                                  ; preds = %delete.end, %while.body8
                                                                             %next9 = getelementptr inbounds %struct.list_node, %struct.list_node* %17, i32 0, i32 1
                         br label %while.cond5
                                                                                        %18 = load %struct.list_node*, %struct.list_node** %next9, align 8
                                                                                        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
                                                                                                                           [4/7]
                                                [8/9]
                                                                                                                                  ; preds = %while.body8
                                                                                                if.then:
               delete.end:
                                                                                           %20 = load %struct.list_node*, %struct.list_node** %prev_it, align 8
                                                   ; 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
                                                                                                                          [5/6]
                                                                                                 delete.notnull:
                                                                                                                                      ; preds = %if.then
                                                                                                        %21 = bitcast %struct.list_node* %20 to i8*
                                                                                                              call void @_ZdlPv(i8* %21) #9
                                                                                                                   br label %delete.end
```