```
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
                                                                                          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
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
                                                                                                                                 if.then:
                                                                                                                                                                    ; preds = %while.body8
                                                                                                                             %20 = load %struct.list_node*, %struct.list_node** %prev_it, align 8
                                               delete.end:
                                                                                    ; preds = %delete.notnull, %if.then
                                                                           br label %if.end
                                                                                                                                        %isnull = icmp eq %struct.list_node* %20, null
                                                                                                                                     br i1 %isnull, label %delete.end, label %delete.notnull
                                                                                                                                   delete.notnull:
                                                                                                                                                                        ; preds = \%if.then
                                                                                                                                         %21 = bitcast %struct.list node* %20 to i8*
                                                                                                                                               call void @ ZdlPv(i8* %21) #9
                                                                                                                                                     br label %delete.end
```