return r;

```
; ModuleID = 'nested_main.bc'
target datalayout = "e-p:64:64:64-i1:8:8-i8:8-i16:16-i32:32:32-i64:64-f32:32:32-f64:64:64-v64:64-v64:64-v128:128-a0:0:64-s0:64
:64-f80:128:128-n8:16:32:64-S128"
target triple = "x86_64-unknown-linux-gnu"
; Function Attrs: nounwind uwtable
define i32 @main() #0 {
entry:
 br label %for.cond
for.cond:
                                                 ; preds = %for.inc5, %entry
 %r.0 = phi i32 [ 10, %entry ], [ %r.1, %for.inc5 ]
  %i.0 = phi i32 [ 0, %entry ], [ %inc6, %for.inc5 ]
  %mul = mul nsw i32 2, 5
 cmp = icmp slt i32 %i.0, %mul
 br il %cmp, label %for.body, label %for.end7
for.body:
                                                 ; preds = %for.cond
 br label %for.cond1
for.cond1:
                                                 ; preds = %for.inc, %for.body
  %r.1 = phi i32 [ %r.0, %for.body ], [ %add, %for.inc ]
  %j.0 = phi i32 [ 0, %for.body ], [ %inc, %for.inc ]
  %mul2 = mul nsw i32 12345, 1
 %cmp3 = icmp slt i32 %j.0, %mul2
 br il %cmp3, label %for.body4, label %for.end
for.body4:
                                                 ; preds = %for.cond1
  %add = add nsw i32 %r.1, 1
 br label %for.inc
for.inc:
                                                 ; preds = %for.body4
 %inc = add nsw i32 %j.0, 1
 br label %for.cond1
for.end:
                                                 ; preds = %for.cond1
 br label %for.inc5
for.inc5:
                                                 ; preds = %for.end
 %inc6 = add nsw i32 %i.0, 1
 br label %for.cond
for.end7:
                                                 ; preds = %for.cond
 ret i32 %r.0
attributes #0 = { nounwind uwtable "less-precise-fpmad"="false" "no-frame-pointer-elim"="true" "no-frame-pointer-elim-non-leaf" "no-in
fs-fp-math"="false" "no-nans-fp-math"="false" "stack-protector-buffer-size"="8" "unsafe-fp-math"="false" "use-soft-float"="false" }
!llvm.ident = !{!0}
!0 = metadata !{metadata !"clang version 3.4 (tags/RELEASE_34/final)"}
```

```
1
```

```
; ModuleID = 'nested_main-opt.bc'
target datalayout = "e-p:64:64:64-i1:8:8-i8:8:8-i16:16:16-i32:32:32-i64:64-f32:32:32-f64:64:64-v64:64:64-v128:128-128-a0:0:64-s0:64
:64-f80:128:128-n8:16:32:64-S128"
target triple = "x86_64-unknown-linux-gnu"
; Function Attrs: nounwind uwtable
define i32 @main() #0 {
entry:
  %mul = mul nsw i32 2, 5
  br label %for.cond
for.cond:
                                                    ; preds = %for.inc5, %entry
  %r.0 = phi i32 [ 10, %entry ], [ %r.1, %for.inc5 ]
%i.0 = phi i32 [ 0, %entry ], [ %inc6, %for.inc5 ]
%cmp = icmp slt i32 %i.0, %mul
  br il %cmp, label %for.body, label %for.end7
                                                   ; preds = %for.cond
  %mul2 = mul nsw i32 12345, 1
  br label %for.cond1
for.cond1:
                                                    ; preds = %for.inc, %for.body
  %r.1 = phi i32 [ %r.0, %for.body ], [ %add, %for.inc ]
  %j.0 = phi i32 [ 0, %for.body ], [ %inc, %for.inc ]
  %cmp3 = icmp slt i32 %j.0, %mul2
 br il %cmp3, label %for.body4, label %for.end
for.body4:
                                                    ; preds = %for.cond1
  %add = add nsw i32 %r.1, 1
  br label %for.inc
for.inc:
                                                    ; preds = %for.body4
  %inc = add nsw i32 %j.0, 1
 br label %for.cond1
for.end:
                                                    ; preds = %for.cond1
 br label %for.inc5
for.inc5:
                                                    ; preds = %for.end
  %inc6 = add nsw i32 %i.0, 1
 br label %for.cond
for.end7:
                                                    ; preds = %for.cond
 ret i32 %r.0
attributes #0 = { nounwind uwtable "less-precise-fpmad"="false" "no-frame-pointer-elim"="true" "no-frame-pointer-elim-non-leaf" "no-in
fs-fp-math"="false" "no-nans-fp-math"="false" "stack-protector-buffer-size"="8" "unsafe-fp-math"="false" "use-soft-float"="false" }
!llvm.ident = !{!0}
!0 = metadata !{metadata !"clang version 3.4 (tags/RELEASE_34/final)"}
```