```
entry:
 %a = alloca [3 x i32], align 4
 %indx = getelementptr inbounds [3 x i32], [3 x i32]* %a, i32 0, i32 0
 call void @_Z22initializeIntegerArrayPii(i32* %indx, i32 3)
 %i = alloca i32, align 4
 %j = alloca i32, align 4
 call void @llvm.dbg.declare(metadata [3 x i32]* %a, metadata !14, metadata
... !18), !dbg !19
 %0 = bitcast [3 x i32]* %a to i8*, !dbg !19
 call void @llvm.dbg.declare(metadata i32* %i, metadata !20, metadata !18),
... !dbg !21
 call void @llvm.dbg.declare(metadata i32* %j, metadata !22, metadata !18),
... !dbg !23
 store i32 0, i32* %i, align 4, !dbg !24
 br label %for.cond, !dbg !26
```
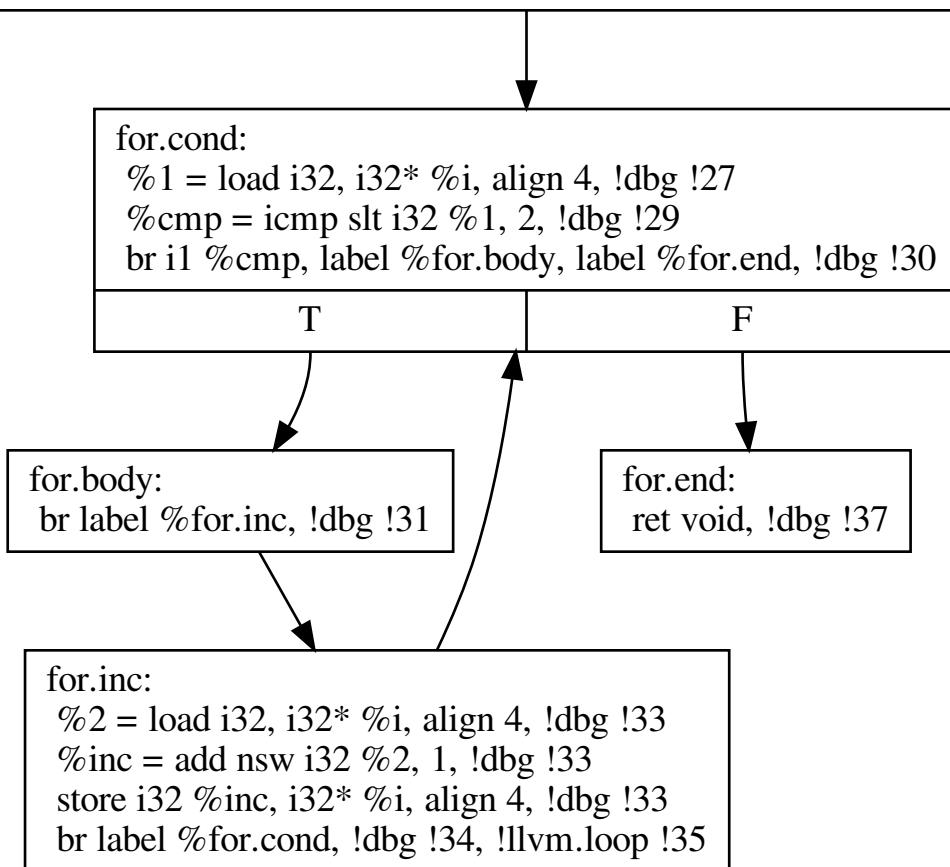
```
for.cond:
  %1 = load i32, i32* %i, align 4, !dbg !27
  %cmp = icmp slt i32 %1, 2, !dbg !29
  br i1 %cmp, label %for.body, label %for.end, !dbg !30
```

T	F

```
for.body:
  br label %for.inc, !dbg !31
```

```
for.end:
  ret void, !dbg !37
```

```
for.inc:
  %2 = load i32, i32* %i, align 4, !dbg !33
  %inc = add nsw i32 %2, 1, !dbg !33
  store i32 %inc, i32* %i, align 4, !dbg !33
  br label %for.cond, !dbg !34, !llvm.loop !35
```

CFG for '_Z9arrayTestv' function