

Post dominance root node

for.end:

```
%call = call i32 @foo(i32 1, i32 %sum.0)
%call1 = call i32 (i8*, ...) @printf(i8* getelementptr inbounds ([5 x i8],
... [5 x i8]* @.str, i32 0, i32 0), i32 %call)
ret i32 0
```

for.cond:

```
%sum.0 = phi i32 [ 0, %entry ], [ %add, %for.inc ]
%i.0 = phi i32 [ 0, %entry ], [ %inc, %for.inc ]
%cmp = icmp slt i32 %i.0, %argc
br i1 %cmp, label %for.body, label %for.end
```

entry:

```
br label %for.cond
```

for.inc:

```
%inc = add nsw i32 %i.0, 1
br label %for.cond
```

for.body:

```
%add = add nsw i32 %sum.0, %i.0
br label %for.inc
```

Post dominator tree for 'main' function