

```
entry:  
br label %while.cond
```

```
while.cond:  
%t1.0 = phi i32 [ undef, %entry ], [ %add, %while.body ]  
%i.0 = phi i32 [ 0, %entry ], [ %inc, %while.body ]  
%cmp = icmp slt i32 %i.0, 10  
br i1 %cmp, label %while.body, label %while.end
```

T

F

```
while.body:  
%call = call i32 @nop(i32 noundef 2)  
%add = add nsw i32 %a, 2  
%inc = add nsw i32 %i.0, 1  
br label %while.cond, !llvm.loop !6
```

```
while.end:  
ret i32 %t1.0
```

CFG for 'test' function