

```
entry:  
  %s.01 = alloca i32, align 4  
  %i.02 = alloca i32, align 4  
  store i32 0, ptr %s.01, align 4  
  store i32 3, ptr %i.02, align 4  
  br label %for.cond
```

```
for.cond:  
  %myLoad = phi i32 [ %add2, %for.body ], [ 0, %entry ]  
  %myLoad5 = phi i32 [ %inc, %for.body ], [ 3, %entry ]  
  %cmp = icmp sle i32 %myLoad5, 5  
  br i1 %cmp, label %for.body, label %for.end
```

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for.body:  
  %add2 = add i32 %myLoad, 4  
  %inc = add nsw i32 %myLoad5, 1  
  store i32 %add2, ptr %s.01, align 4  
  store i32 %inc, ptr %i.02, align 4  
  br label %for.cond, !llvm.loop !6
```

```
for.end:  
  ret i32 %myLoad
```

CFG for 'main' function