```
var num = 10;
var start : int;
if (num == 10)
  start = 0;
else
  start = 10;
func add(lhs: int, rhs: int) -> int
           if (lhs > rhs)
                       var flag = 14;
                       return lhs + rhs + flag;
                                                                                            label2
                                                                                                                              label3
           var num = 44;
           return num + rhs;
                                                       BasicBlock(value)
                                                                                      ▶ BasicBlock(value)
                                                                                                                        ► BasicBlock(value)
                                                                                                                                                             add(value)
                                                                                                                                                                                             add(value)
var result = add(num, 10);
                                                                                     store i32 0, @start
                                                                                                                                                     vector<BasickBlock>
                                                                                                                                                                                        %5 = load i32* @num
                                         %1 = load i32* @num
                                                                                                                     store i32 0, @start
                                          %1 = cmp eq %1, 10
                                                                                                                                                                                        %6 = call add(%5, 10)
                                                                                          br label4
                                                                                                                         br label4
                                             br %1 label2
                                                                                                                                              BasicBlock
                                                                                                                                                                 BasicBlock
                                                                                                                                                                                                            store i32 %6, @result
                                                                                                                           BasicBlock
                                                                                                                                                                                     BasicBlock
                                                                                                                                                                    inst
                                                                                                                                                                                        inst
                                                                                                                              inst
                                                                                                                                                 inst
                                                                                                                               br
```