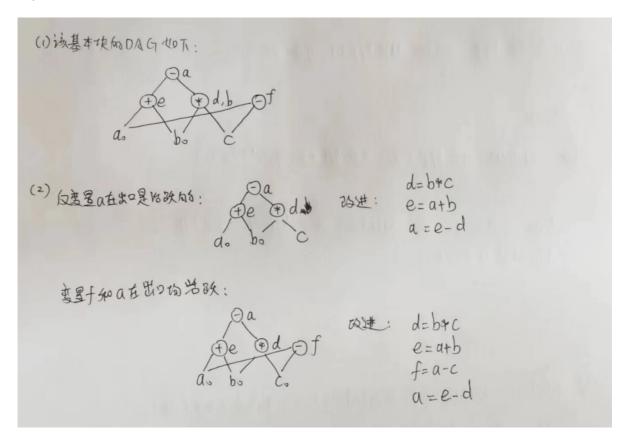
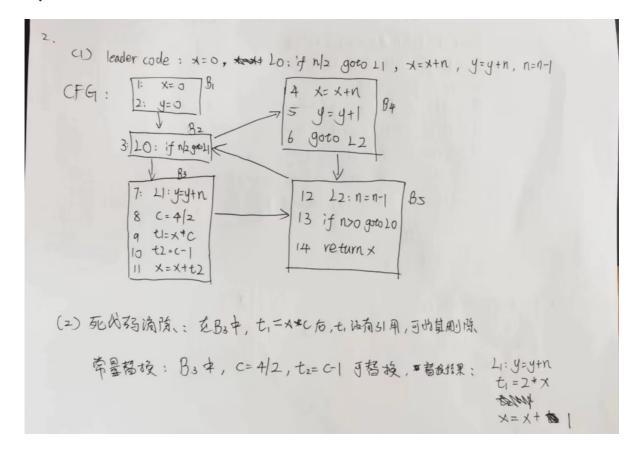
## 编译原理 - 作业(4): IR 生成与优化

20337025 崔璨明

## 1,



## 2,



(3) Func被调用时, n在\$fp+2, x在\$fp-1, y在\$fp-2。\$fp+1处为返回地址。

3,

```
3. (1) initialize: Pom(i) = \{i\}, Pom\{n\} = \{1,2,3,4,5,6,7,8\} (n \neq 1)

iten: Pom(i) = \{2\} U (Pom(i) Pom(i) = \{1,2\}

Pom(i) = \{3\} U (Pom(i) Pom(i) = \{1,2,3\}

Pom(i) = \{6\} U (Pom(i) Pom(i) = \{1,2,3\}

Pom(i) = \{6\} U (Pom(i) Pom(i) = \{1,2,3,4,6\}

Pom(i) = \{6\} U (Pom(i) Pom(i) = \{1,2,3,4,6\}

Pom(i) = \{7\} U Pom(i) = \{1,2,3,5\}

Pom(i) = \{7\} U Pom(i) = \{1,2,3,5\}

in Pom[i] = \{7\} U Pom(i) = \{7\} U Po
```

(3)

```
①地方:8>1,6→3,2>1
8>1的自然循环:{1,2,3,4,5,6,7,8},地之
6→3的自然循环:{3,4,5,63, 头节之是3
2>1的自然循环:{1,2,3,4,5,6,7,83,头节之
```