TAC :-
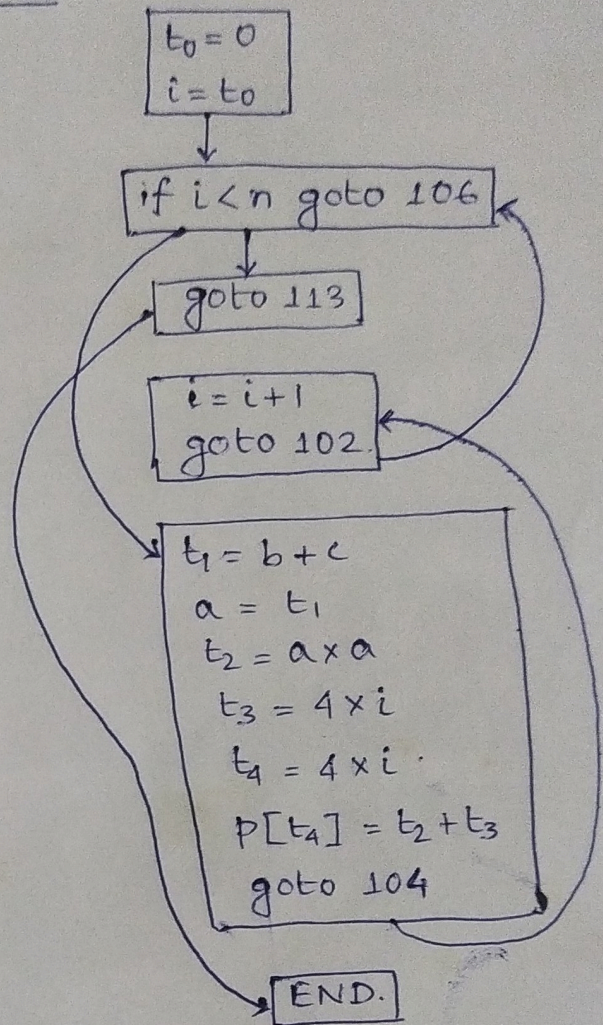
```
100: t₀ = 0
101: i = t₀
102: if i < n goto 106
103: goto 113
104: i = i + 1
105: goto 102
106: t₁ = b + c
107: a = t₁
108: t₂ = a x a
109: t₃ = 4 x i
110: t₄ = 4 x i
111: P[t₄] = t₂ + t₃
112: goto 104
113: END
```

Leaders = 100, 102, 103, 104, 106, 113.

CFG :-

Optimized code.

```
100: t₁ = 0
101: a = b + c
102: t₂ = a x a
103: t₆ = 4 x n
104: if t₁ ≥ t₆ goto 109
105: t₃ = t₁ + t₂
106: P[t₁] = t₃
107: t₁ = t₁ + 4
108: goto 104
109: END
```