

Multi-Step.hs

```
1  a = "True"  
2  b = a  
3  c = if b then 0 else 1
```



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a = "True"

b = a

c = if b

then 0

else 1

All Constraints

c1 $t_a = \text{String}$

c2 $t_b = t_a$

c3 $t_c = t_{\text{if}}$

c4 $t_{\text{cond}} = \text{Bool}$

c5 $t_{\text{cond}} = t_b$

c6 $t_{\text{if}} = \text{Int}$

c7 $t_{\text{if}} = \text{Int}$

MUSes

c1 $t_a = \text{String}$

c2 $t_b = t_a$

c4 $t_{\text{cond}} = \text{Bool}$

c5 $t_{\text{cond}} = t_b$