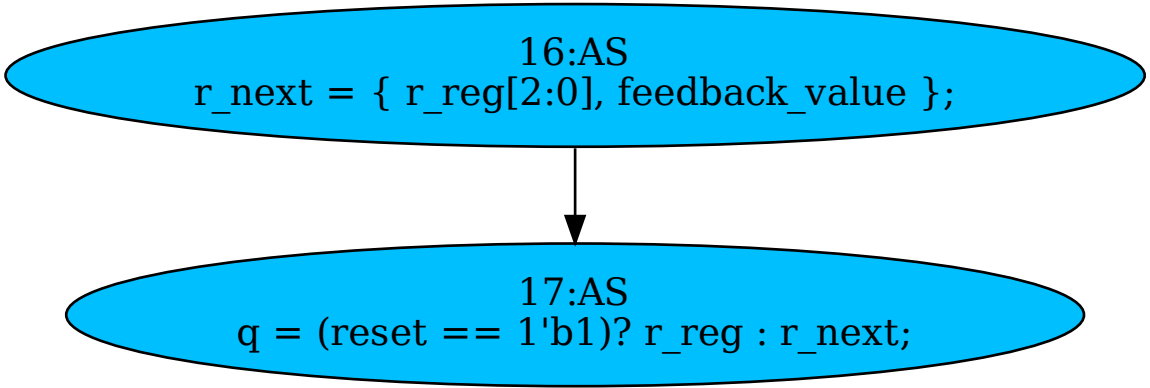


16:AS  
r\_next = { r\_reg[2:0], feedback\_value };



```
graph TD; A["16:AS  
r_next = { r_reg[2:0], feedback_value };"] --> B["17:AS  
q = (reset == 1'b1)? r_reg : r_next;"]
```

17:AS  
q = (reset == 1'b1)? r\_reg : r\_next;