

15:AS
`s = a + b;`

```
graph TD; A([15:AS  
s = a + b;]) --> B([16:AS  
overflow = ~a[7] & ~b[7] & s[7] | a[7] & b[7] & ~s[7] | a[7] & b[7] & s[7];]);
```

The diagram consists of two blue nodes with black outlines. The top node is an oval containing the text '15:AS' and the code 's = a + b;'. A black arrow points from the bottom of this oval to the top of a larger, horizontally-oriented oval below it. This bottom oval contains the text '16:AS' and a complex overflow check expression: 'overflow = ~a[7] & ~b[7] & s[7] | a[7] & b[7] & ~s[7] | a[7] & b[7] & s[7];'.

16:AS
`overflow = ~a[7] & ~b[7] & s[7] | a[7] & b[7] & ~s[7] | a[7] & b[7] & s[7];`