

15:AS
s = a + b;

```
graph TD; A([15:AS  
s = a + b;]) --> B([16:AS  
overflow = ((a[7] == b[7]) && (a[7] != s[7]))? 1'b1 : 1'b0;]);
```

A flow diagram with two nodes. The top node is a light blue oval containing the text '15:AS' and 's = a + b;'. A black arrow points downwards from this node to a second, larger light blue oval. The second oval contains the text '16:AS' and 'overflow = ((a[7] == b[7]) && (a[7] != s[7]))? 1'b1 : 1'b0;'. The entire diagram is set against a white background.

16:AS
overflow = ((a[7] == b[7]) && (a[7] != s[7]))? 1'b1 : 1'b0;