

We can change the code as follows

```
void expression_quiz(int a, int &b) {  
#pragma HLS INTERFACE ap_none port=a  
#pragma HLS INTERFACE ap_none port=b  
#pragma HLS INTERFACE ap_ctrl_none port=return  
  
    static int s = 0;  
  
    s = s + a >> 2;  
  
    b = s;  
}
```