1 PDF

code　　　Code

Trace　　　　　　　　　　　Points C

Code

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```
/**//* ** This function returns the number of 1-bits that appeared in
** the argument value. */ int count_one_bits( unsigned value) ...{
int ones. /**//* ** While the value still has some 1-bits in it ... */ for(
ones = 0. value != 0. value = value >> 1) /**//* ** If the low-order
bit is a 1, count it. */ if( value % 2 != 0) ones = ones 1. return ones. }
```

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*** /**//* ** This
function returns the number of 1-bits that appeared in ** the
argument value. */ int count_one_bits(unsigned value) ...{ int ones.
/**//* ** While the value still has some 1-bits in it ... */ for(ones = 0.
value != 0. value >>= 1) /**//* ** If the low-order bit is a 1, count it.
*/ if((value &amp. 1) != 0) ones = 1. return ones. } 100Test