



Technische Informatik II im SS 2007

Musterlösungen zum 2. Übungsblatt

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Lösung 1

1.
 - $0x2345 \mid 0x6789 = 0x67CD$
 - $0x2345 \& 0x6789 = 0x2301$
 - $0x2345 \wedge 0x6789 = 0x44CC$
 - $\sim 0x2345 = 0xFFFF\ DCBA$
 - $2345 \mid 6789 = 7085$
 - $0x2345 \ll 3 = 0x11A28$
 - $0x2345 \gg 2 = 0x8D1$
 - $2345 \ll 3 = 18760$
 - $2345 \gg 2 = 586$
2.
 - $h = f \& g = 4$
 - $h = f \mid g = 7$
 - $h = \sim f \mid \sim g = -5$
 - $h = g \ll f = 192$
3. $y = 41, z = 41, x = 42$

Lösung 2

1. $x = a ? b : c$


```
if (a)
    x = b;
else
    x = c;
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2. $x = 10$ und $i = 10$
3. $sum = 2870$