

## Kapitel 9 Beispiel 3

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1 // Programm 931.cpp: Hauptprojektdatei.
2 // Programm zum Testen logischer Verknüpfungen
3 // Autor: Heiderich / Meyer
4 // -----
5 #include "stdafx.h"
6 #include <stdio.h>
7 #include <stdlib.h>
8 #include <conio.h>
9 using namespace System;
10 void main()
11 {
12     short int ina; // Eingang A
13     short int inb; // Eingang B
14     short int q;    // Ausgang Q
15     printf("\n\tDarstellung der \"und\"-Verkn%pfung:\n", char(129));
16     printf("\t-----\n\n");
17     printf("\t A B | Q\n");
18     printf("\t-----\n");
19     for (ina = 0; ina <= 1; ina++)
20     {
21         for (inb = 0; inb <= 1; inb++)
22         {
23             q = ina && inb;
24             printf("\t %li %li | %li\n", ina, inb, q);
25         }
26     }
27     printf("\n\tDarstellung der \"oder\"-
28         Verkn%pfung:\n", char(129));
29     printf("\t-----\n\n");
30     printf("\t A B | Q\n");
31     printf("\t-----\n");
32     for (ina = 0; ina <= 1; ina++)
33     {
34         for (inb = 0; inb <= 1; inb++)
35         {
36             q = ina || inb;
37             printf("\t %li %li | %li\n", ina, inb, q);
38         }
39     }
40     printf("\n\tDarstellung der Negation:\n");
41     printf("\t-----\n\n");
42     printf("\t E | Q\n");
43     printf("\t---+---\n");
44     for (ina = 0; ina <= 1; ina++)
45     {
46         q = !ina;
47         printf("\t %li |
48             %li\n", ina, q);
49     }
50     getch();
51 }
```