3. Sprachkonzepte und ihre Übersetzungen

Lösung: int x,y,z; bool b, p(b)=3, p(x)=4, p(y)=5, p(z)=6

code(b:= (((x-y) > 0)) or (x=z)))
= codeL b p; codeR(((x-y)>0) or (x=z))) p; sto *b*
= ldc a 3; codeR(((x-y)>0) or (x=z))) p; sto *b*
= ldc a 3; codeR((x-y)>0) p; codeR(x=z) p; or; sto *b*
= ldc a 3; codeR(x-y) p; codeR 0 p; grt *i;* codeR(x=z) p; or; sto *b*
= ldc a 3; codeR x p; codeR y p; sub *i*; ldc *i* 0; grt *i;* codeR(x=z) p; or; sto *b*
= ldc a 3; codeL x p; ind i; codeL y; ind i; sub *i*; ldc *i* 0; grt *i;* codeR(x=z) p; or; sto *b*
= ldc a 3; ldc a 4; ind i; ldc a 5; ind i; sub *i*; ldc *i* 0; grt *i;* codeR(x=z) p; or; sto *b*
= ldc a 3; ldc a 4; ind i; ldc a 5; ind i; sub *i*; ldc *i* 0; grt *i;* codeR x p; codeR z P;
equ *i*; or; sto *b*
= ldc a 3; ldc a 4; ind i; ldc a 5; ind i; sub *i*; ldc *i* 0; grt *i;* ldc a 4; ind i; ldc a 6; ind i;
equ *i*; or; sto *b*