

**FOR\_CLAUSE**

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graph TD; FOR_CLAUSE[FOR_CLAUSE] --> INIT[INIT]; FOR_CLAUSE --> STEP[STEP]; FOR_CLAUSE --> UNTIL[UNTIL]; FOR_CLAUSE --> DO[DO]; INIT --> ASSIGNMENT1[ASSIGNMENT]; ASSIGNMENT1 --> i[i]; ASSIGNMENT1 --> INT1[INT]; INT1 --> 1_1[1]; STEP --> INT2[INT]; INT2 --> 1_2[1]; UNTIL --> INT3[INT]; INT3 --> 100[100]; DO --> BLOCK[BLOCK]; BLOCK --> ASSIGNMENT2[ASSIGNMENT]; ASSIGNMENT2 --> x[x]; ASSIGNMENT2 --> i_2[i];
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**INIT**

**STEP**

**UNTIL**

**DO**

**ASSIGNMENT**

**INT**

**INT**

**BLOCK**

**i**

**INT**

**1**

**100**

**ASSIGNMENT**

**1**

**x**

**i**