DATA Stat
= Assign   *a:* Expr   *b:* Expr
| While   e*;* Expr   s: Stat
| Block   body: [Stat]

ATTR Expr   Stat   [Stat]
   syn *code:* String
   inh indent: Int

SEM Stat
| Assign **this**.code = x.code ++ "=" ++ e.code ++ ";"
| While   **this**.code = "while (" ++ e.code ++ ")"++ s.code
| Block   **this**.code = "{" ++ body.code ++ "}"

SEM Stat
| While   s.indent   = **this**.indent + 4