

### 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