```
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
```