

## Minimal Working Interpreter

### Minimal Formal Grammar

```
<point> ::= <int> <int>

<circle> ::= <point> <int>

<dims> ::= <int> <int>

<def> ::= <name> <dims> <component>+
<component> ::= <name> | <circle>

<grammar> ::= <def>+
```

### Minimal Semantics

Syntax	Abstract Syntax	Type	Prec. & Assoc	Meaning
point=(x,y)	Point of int * int	int*int	n/a	Represents the vertical and horizontal coordinates of