Mini Quiz 4

Name:		
Kerberos:		

Q: Consider the language below (with start symbol \mathbb{E}). Write a grammar that accepts the same languages, but is unambiguous, is left-associative for = and +, and right-associative for ?:, and has precedence:

```
?: lower than = lower than +
```

```
E ::= E ? E : E | E OP E | ( E ) | I
OP ::= = | +
I ::= 1 | 2 | 3 | 4
```

```
E ::= E0
E0 ::= E1 ? E0 : E0 | E1
E1 ::= E1 = E2 | E2
E2 ::= E2 + E3 | E3
E3 ::= I | (E)
```