#Quiz 4.

exp exp EOF

exp exp modifier

atom atom 1

d b C

eprior (acsex = right).

Extose Parse for Attitumente.

```
Parsing with ANTLR
Exercise: Parse Trees for Arithmetic
   grammar ambiguity1;
                                       grammar ambiguity2;
   expr : INT
                                       expr : expr '+' expr
    |
<assoc=right> expr '^' expr
                                        | expr '*' expr
   | expr '*' expr
| expr '+' expr;
                                        | INT;
  INT : [0-9]+;
                                       INT : [0-9]+;
  For each grammar above, draw parse trees for the following inputs:
   • 1 + 2 * 3 + 1
   • 2 ^ 2 ^ 2
   • 2 ^ 2 * 3 ^ 1
```

gramar 2:

2 2 * 3 ^

2 2 expr 2 INT