

```
| ?- quadratic(1, 3, -4, ROOTS).
```

```
ROOTS = [1.0,-4.0]
```

```
yes
```

```
| ?- quadratic(1, 0, 0, ROOTS).
```

```
ROOTS = [0.0]
```

```
yes
```

```
| ?- quadratic(1, 0, 5, ROOTS).
```

```
ROOTS = [5.0]
```

```
yes
```

```
| ?- minmax([3, 2, 9, 5], L).
```

```
L = [2,9] ?
```

```
(1 ms) yes
```

```
| ?- minmax([3], L).
```

```
L = [3,3] ?
```

```
yes
```

```
| ?- zip([1,2,3], [a,b,c], Z).
```

```
Z = [[1,a],[2,b],[3,c]]
```

```
yes
```

```
| ?- zip([], [], Z).
```

```
Z = []
```

```
yes
```

```
| ?- splitable([1, 2, 3, 4, 5, 5], L1, L2).
```

```
L1 = [1,2,3,4]
```

```
L2 = [5,5] ?
```

```
yes
```

```
| ?- splitable([1, 2, 3, 9], L1, L2).
```

```
no
```

```
| ?- union([1,2,3], [2,3,4], U).
```

```
U = [1,2,3,4] ?
```

```
yes
```

```
| ?- union([1,2,3], [], U).
```

```
U = [1,2,3] ?
```

```
yes
```

```
| ?- union([8], [2,3,4], U).
```

```
U = [8,2,3,4] ?
```

```
yes
```

```
| ?- issorted([1,2,3,3,4,5]).
```

true ?

yes
| ?- issorted([2,3,5,3]).

no
| ?- issorted([]).

yes
| ?- getStateInfo('Oxford', State, 45056).

State = 'OH'

yes
| ?- getStateInfo('Oxford', State, _).

State = 'AL' ? ;

State = 'AR' ? ;

State = 'CT' ? ;

State = 'FL' ? ;

State = 'GA' ? ;

State = 'GA' ? ;

State = 'IA' ? ;

State = 'IN' ? ;

State = 'KS' ? ;

State = 'MA' ? ;

State = 'MD' ? ;

State = 'ME' ? ;

State = 'MI' ? ;

State = 'MI' ? ;

State = 'MS' ? ;

State = 'NC' ? ;

State = 'NE' ? ;

State = 'NJ' ? ;

State = 'NY' ? ;

State = 'OH' ? ;

State = 'PA' ? ;

State = 'WI' ? ;

```
(4 ms) no  
| ?- ;getStateInfo(_, 'OH', 48122).
```

no