

This short note describes how to get nice notations for natural numbers, lists, etc.

Natural numbers

```
Require Import Arith.
```

Available notations:

- `=?` for `Nat.eqb`,
- `<?` for `Nat.ltb`,
- `<=?` for `Nat.leb`,
- `?=` for `Nat.compare`.

Lists

```
Require List.  
Import List.ListNotations.  
Open Scope list_scope.
```

Available notations:

- `[]` for `List.nil`,
- `::` for `List.cons`,
- `[x1; ...; xn]` for list construction,
- `++` for `List.app`.