

# **Coq: A Comprehensive Guide**

## **- Mastering the Art of Coq Programming -**

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# Chapter 1

## Coq Tutorial

### 1.1 Boolean

```
1 Inductive bool : Type :=  
2   | true  
3   | false.  
  
1 Inductive negb (b:bool) : bool :=  
2   match b with  
3   | true => false  
4   | false => true  
5 end.
```

# Bibliography

[1] test