

```
program {  
  def int a ;  
  def int b ;  
  def int ok = 0 ;  
  for b in [ 2 , a / 2 ]  
    check ( a % b == 0 ) then  
      print ( "Non-prime" ) ;  
      ok = 1 ;  
      destroy ;  
  check ( ok == 0 ) then  
    print ( "Prime" ) ;  
}
```