```
THEOREM␣GCD1␣==␣\A␣m␣\in␣Nat␣\␣{0}␣:␣GCD(m,␣m)␣=␣m
␣
THEOREM␣GCD2␣==␣\A␣m,␣n␣\in␣Nat␣\␣{0}␣:␣GCD(m,␣n)␣=␣GCD(n,␣m)
␣
THEOREM␣GCD3␣==␣\A␣m,␣n␣\in␣Nat␣\␣{0}␣:
␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣␣(n␣>␣m)␣=>␣(GCD(m,␣n)␣=␣GCD(m,␣n-m))
```

CLOSE