

## 1 Algorithm

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Algorithm: Euclidean Algorithm

```
function gcd(a, b)
  if b = 0 return a
  else return gcd(b, a mod b)
```

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## 2 GCD Implementation

First Number	Second Number	GCD
2345	72	1
1406700	164115	23445
1368	339	3
55534	434334	2
243532	0	243532
30315475	24440870	31415
37279462087332	366983722766	564958
3823485234523624	43882834845621	1
233961810342958422635	3927915394316175446	6561556499
34823482334858234892934	438923489238932492	2
1928374859327385919871278	8293845719102938489289	1
8292838478192938747829828	8920892398578998234578	2
7892394875489720987908234	8901390478954278902908	2