|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| call no. | GCD(n , m) | m ===0 | Recursive call(GCD(m, n % m )) | return value |
| 1 | GCD(12,27) | FALSE | GCD(27,12%27) |  |
| 2 | GCD(27,12) | FALSE | GCD(12,27%12) |  |
| 3 | GCD(12,3) | FALSE | GCD(3,12%3) |  |
| 4 | GCD(3,0) | TRUE |  | 3 |