

Recursive and Iterative GCD programs

```
#include <stdio.h>
```

```
int gcd(int m, int n)
```

```
{  
    if (n == 0) return m;  
    if (m < n) return gcd(n, m);  
    return gcd(n, m % n);  
}
```

```
int main()
```

```
{  
    int m, n, res;  
    printf("Enter m and n\n");  
    scanf("%d %d", &m, &n);  
    res = gcd(m, n);  
    printf("GCD of %d and %d is %d.", m, n, res);  
}
```