

code\gcd.ast

PROGRAM

```
INT gcd()  
  INT u  
  INT v  
  { }  
    if  
      ==  
        v  
        0  
      return  
        u  
    else  
      return  
        gcd()  
          v  
          -  
            u  
            *  
              /  
                u  
                v
```

```
VOID main()  
  { }  
    INT x  
    INT y  
    =  
      x  
      input()  
    =  
      y  
      input()  
    output()  
      gcd()  
        x  
        y
```