

扩展欧几里得

用途

解裴蜀方程

写法

通过普通的欧几里得算法来求解

```
int exgcd(int a, int b, int& x, int& y){  
    if(!b) {y=0,x=1;return a;}  
    int gcd=exgcd(b,a%b,y,x);  
    y-=a/b*x;  
    return gcd;  
}
```

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