Contents

1.1 快速冪 1

1 Math

1.1 快速冪

```
//x^y % p
int func(int x,int y,int p){
  int res = 1;
  while(y != 0){
    if(y%2==1){
      res *= x;
      res %=p;
    }
    x *= x;
    y /= 2;// 5^8 => (5^2)^4
    x %= p;//((5^2) % 7)^4
  }
  return res;
}
```

1.2 gcd