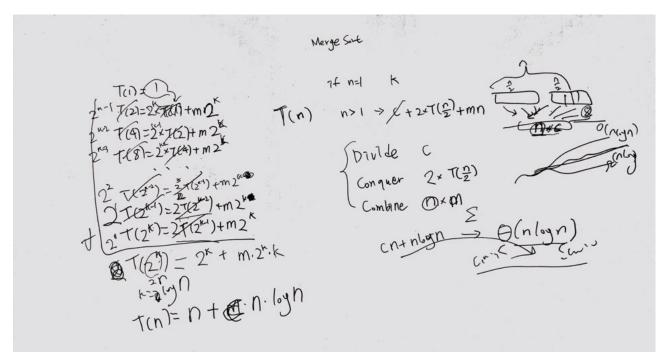
[희수] Merge Sort Time Complexity explain.



[동준] Fibonacci Explain but It was't enough So I'm preparing again

```
*Recursive

int Fibonaai(int n) Fibonacce

{

if (n < 2)

return n

dse

seturn fibonaci(h-1)

+ " (n-2)

Fool
```

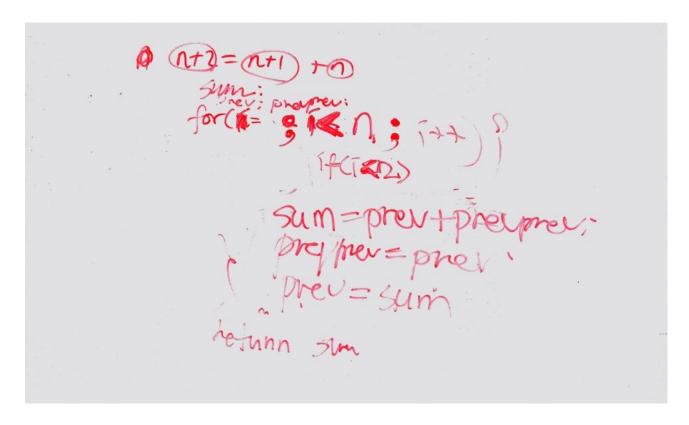
<AS by DongJun>

```
int Fibonacci(int n) {

int result;
int i;
int * FiboArr=(int*)malloc(sizeof(int)*n);
//malloc된 값을 해제할 free는 main에서 해제합니다!

FiboArr[0]=0;
FiboArr[1]=1;

for(i=2; i<=n; i++)
{
    result=FiboArr[i-1]+FiboArr[i-2];
    FiboArr[i]=result;
}
return FiboArr[i];
```



<AS by DongJun>

```
int Fibonacci(int n)
{

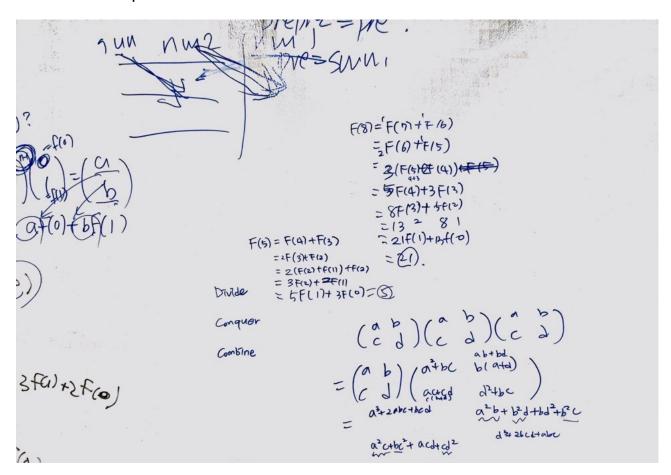
    if (n == 0)
        return 0;
    if (n == 1)
        return 1;

int result=0;
    int prevPrev=0;
    int prev=1;

for(int i=2; i<=n; i++)
{
      result = prev + prevPrev;
      prevPrev = prev;
      prev = result;
    }

return result;
}</pre>
```

[희수] Divide & Conquer



[규원] Divide & Conquer

Divide:

(a) = 0 = a

$$f(0) = 0 = a$$
 $f(0) = 1 = b$
 $f(0) =$