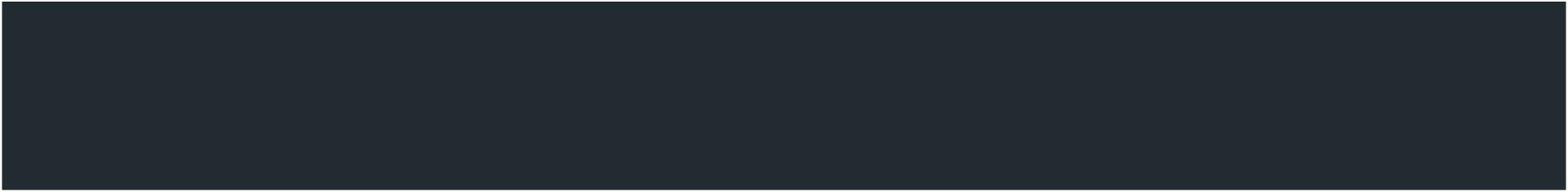


```
int mem[MAX N];
int fibonacci(int index)
    if(index < 2)
        return 1;
    if (mem[index - 1] == -1)
        mem[index - 1] = fibonacci(index - 1);
    if (mem[index - 2] == -1)
        mem[index - 2] = fibonacci(index - 2);
    return mem[index - 1] + mem[index - 2];
```





```
int mem[MAX_N];
int fibonacci(int index)
    if(index < 2)
    if(mem[index - 1] == -1)
        mem[index - 1] = fibonacci(index - 1);
    if(mem[index - 2] == -1)
        mem[index - 2] = fibonacci(index - 2);
    return mem[index - 1] + mem[index - 2];
```

递推