



Code

```
#include<stdio.h>
#include<time.h>

int fibRec(int n);

int main()
{
    clock_t begin,end;
    for(int n = 1; n < 46; n++){
        double time_spent=0;
        begin = clock();
        fibRec(n);
        end = clock();
        time_spent += (double)(end - begin) / CLOCKS_PER_SEC;
        printf("%i %f\n",n,time_spent);
    }
    return 0;
}

int fibRec(int n)
{
    if(n==0||n==1)
    {
        return n;
    }
    return fibRec(n-1)+fibRec(n-2);
}
```