

$a(1) = 2$   
 $a(2) = 3 + 2 = 5$   
 $a(3) = 3 + 5 = 8$   
 $a(4) = 3 + 8 = 11$   
 $a(5) = 3 + 11 = 14$

```
#include <stdio.h>

#define N 5

int a(int);

int main(void)
{
    for (int i = 1; i <= N; i++)
        printf("%d\n", a(i));
    return 0;
}

int a(int n)
{
    if (n <= 1)
        return 2;
    else
        return a(n - 1) + 3;
}
```