

```
1  #include <stdio.h>
2
3  int main() {
4      int a = 3;
5      int b = 1;
6      int a2, b2;
7      int M, N;
8      scanf("%d %d", &M, &N);
9
10     int sum = 0;
11     while(a <= M) {
12         sum += a * b;
13         a2 = a + b;
14         b2 = a - b;
15         a = a2;
16         b = b2;
17     }
18     printf("%d", sum);
19
20     return 0;
21 }
```