

Pesudo code

```
int climbStairs(int n)
    if(n == 0 || n == 1)
        return 1;
    else
        Create array numberOfWays[n + 1];
        Initialize numberOfWays[0] = 1 and numberOfWays[1] = 1
        for i <- 2 to i <= n
            Do numberOfWays[i] <- numberOfWays[i - 1] + numberOfWays[i - 2];

return numberOfWays[n];
```