

```
public static int ackermann(int n, int m) {  
    if (n == 0) {  
        return m + 1;  
    } else if (m == 0) {  
        return ackermann(n - 1, 1);  
    }  
    return ackermann(n - 1, ackermann(n, m - 1));  
}
```