

```
for _ in range(int(input())):
    m,n=map(int,input().split())
    dp=[[0]*(n+1) for _ in range(m+1)]
    for i in range(1,n+1):
        dp[0][i]=1
    for i in range(0,m+1):
        dp[i][1]=1
    for i in range(1,m+1):
        for j in range(1,n+1):
            if i<j:
                dp[i][j]=dp[i][i]
            else:
                dp[i][j]=dp[i][j-1]+dp[i-j][j]
    print(dp[m][n])
```