eg n=1
only (way of arranging

(1'5) (1'5) (5)

M=3

(1,2,3)

(asc)

(a

(cisel

(i) are greater than (i)

both will be on right side

90

Total ways = 5

Dynamic Programming approach
for given n we have nodes
1,2,3, n he have to consider case of each of then
he have to sind being root node
1,2,3,(il)
Suppose this case defind = For all a
de[x] = ways of arranging x' nodes
de[1] = 1
Refer of in range (), n): For y in range (1, x): $dp(x)t = dp(y) + dp(y-x)$

rehm dp[N]