

3 New Code. is

```
class Solution:
def countGoodStrings(self, low: int, high: int, zero: int, one: int) -> int:

mod = 10**9 + 7
dp = {}

def dfs(length):
    if length > high:
        return 0
    if length in dp:
        return dp[length]

dp[length] = 1 if length >= low else 0
dp[length] += dfs(length + zero) + dfs(length + one)
return dp[length] % mod

return dfs(0)
```

```
class Solution:
def countGoodStrings(self, low: int, high: int, zero: int, one: int) -> int:
dp = { θ: 1 } # length -> num of strs
mod = 10**9 + 7

for i in range(1, high + 1):
dp[i] = (dp.get(i - one, θ) + dp.get(i - zero, θ)) % mod

return sum([dp[i] for i in range(low, high + 1)])
```