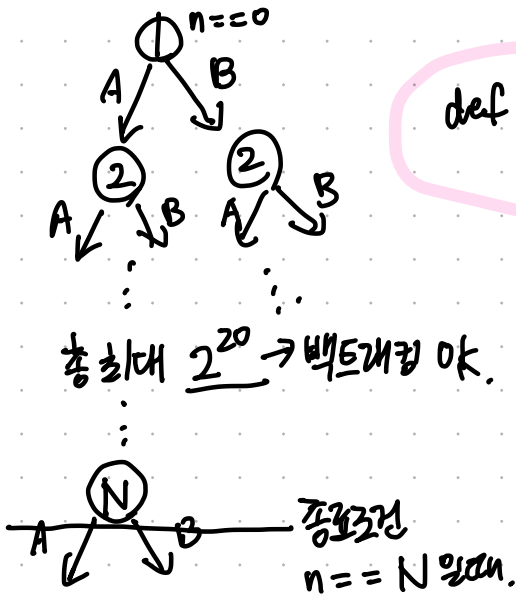


14889. 스타트와 링크

↓
A팀 ↓
B팀

$1 \sim N / 4$ 명 $M = N // 2$ 팀 인원.



최솟값 찾기.

arr = [...] 입력받기.

ans = $100 \times M \times M$ 초깃값.

dfs(0, [], [])

print(ans)

```
def dfs(n, a_list, b_list):
```

```
    global ans
```

```
    # 종료조건
```

```
    if n == N:
```

```
        if len(a_list) == len(b_list):
```

```
            sum_a = sum_b = 0
```

```
            for i in range(M):
```

```
                for j in range(M):
```

```
                    sum_a += arr[a_list[i]]
```

```
                        [a_list[i]]
```

```
                    sum_b += arr[b_list[i]]
```

```
                        [b_list[j]]
```

```
            ans = min(ans, abs(sum_a - sum_b))
```

```
    # 하복호출
```

```
    # A팀으로 가기
```

```
    dfs(n+1, a_list + [n], b_list)
```

```
    # B팀으로 가기
```

```
    dfs(n+1, a_list, b_list + [n])
```