```python
# Read the number of users
N = int(input())

network = []
for _ in range(N):
    friendship = list(input())
    network.append(friendship)

suggestions = 0

for i in range(N):
    for j in range(i + 1, N):
        if network[i][j] == '0' and network[j][i] == '0':
            common_friend = False
            for w in range(N):
                if network[i][w] == network[j][w] == '1':
                    common_friend = True
                    break
            if common_friend:
                suggestions += 1

print(suggestions)
```