Python 3:

n = int(input())  
min\_sum = 0  
k = 0  
dif = list()  
for \_ in range(n):  
 a, b = tuple(map(int, input().split()))  
 min\_sum += min(a, b)  
 dif.append(max(a, b) - min(a, b))  
dif = sorted(dif)  
while (min\_sum - 2) % 8 == 0:  
 if (min\_sum + dif[k] - 2) % 8 != 0:  
 min\_sum += dif[k]  
 k += 1  
print(min\_sum)

Ответ: 6756 19751921