

# A

# Rent a Car

ACM (Advanced Car Management) Rent a Car company

$N$   $c_k$   $i^{\text{th}}$   $d_i$   $C$   $s_i$   $P_k$   $R$   $k^{\text{th}}$   
 $j^{\text{th}}$   $r_j$

Input

$T (\leq 100)$

$N, C, R (1 \leq N, C, R \leq 50)$

$j^{\text{th}}$   $r_j (0 \leq r_j \leq 100)$   $2C$   $N$   $k^{\text{th}}$   
 $c_k$   $P_k (1 \leq c_k, P_k \leq 100)$   $2R$   $i^{\text{th}}$   
 $d_i$   $s_i (1 \leq d_i, s_i \leq 100)$

Output

"impossible"

Sample Input	Output for Sample Input

Note

---

---