A program is required for a computer game. The user keys in the number of rounds he wishes to play. For each round the user enters his lucky number. The program takes the number and divides it with a secret number. If the remainder of the division is zero, it is considered a draw for the round and the total score is incriminated by 1. Otherwise if it is any other even number, it is considered a win for the round and the total score is incremented by 3. However, if it is an odd number, it is considered a loss for the round and the total score is decremented by 3. This is done until he completes his rounds. He wins if the total score at the end is a positive number. Write a C program to accomplish this.

```
                    ┌─────────────────┐
                    │      START      │
                    └────────┬────────┘
                             ↓
                    ┌─────────────────┐
                    │  NO_ROUNDS = 0  │
                    │    SCORE = 0    │
                    └────────┬────────┘
                             ↓
              ┌──────────────────────────────┐
              │      ENTER: NO_ROUNDS         │
              └──────────────┬───────────────┘
                             ↓
              ┌──────────────────────────────┐
              │       ENTER: LUCKY_NO         │
              └──────────────┬───────────────┘
                             ↓
          ┌──────────────────────────────────────┐
          │    REM = LUCKY_NO % SECRET_NO         │
          └──────────────────┬───────────────────┘
                             ↓
```

REM = 0? — N → REM IS EVEN? — N → REM IS ODD?

Y ↓ (DRAW)   Y ↓ (WON)   Y ↓ (LOST)

DRAW   WON   LOST

SCORE=SCORE+1   SCORE=SCORE+3   SCORE=SCORE-3

NO_ROUNDS = NO_ROUNDS - 1

NO_ROUNDS = 0?   N → (loop back to ENTER: NO_ROUNDS)

Y ↓

SCORE > 0?

Y → YOU WIN   N → YOU LOSE

PRINT: SCORE

GAME OVER

STOP