Theory of operation write-ups

The output illustrates the result of a simulated clash between Superman and Batman within a gaming context. Initially, the program generates instances of Superman and Batman, each assigned random health values ranging from 1 to 1000. Subsequently, a loop iterates through alternating attacks between the two superheroes until one's health diminishes to zero or less. Following the battle sequence, the program determines the outcome, indicating if either Superman, Batman, or both succumbed to defeat, ultimately establishing the victor or announcing a draw based on the battle's progression and the superheroes' health conditions.